Improving together

AGLAE 2025

PROFICIENCY TESTING SCHEME CATALOGUE

ENVIRONMENT - COSMETICS

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Content

Should there be any differences between the French and English versions of this document, the French version shall prevail.

Compliance of AGLAE's tests with approvals

A.G.L.A.E. is concerned with the compliance of its tests regarding:

French approval
Water health control

- **the approval delivered by the Ministry in charge of Health issues** to carry out sampling and analyses intended for water quality control (French Order of 30 December 2022).

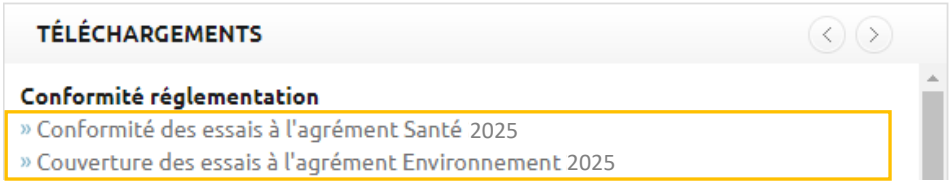
French approval
Water and aquatic environment

- the **approval delivered by the Ministry in charge of Environmental issues** to carry out analyses in the field of water and aquatic medium (French Order of 26 June 2023, completed by the current notice on the limits of quantification for 'parameter-matrix' pairs).
  In particular, in order to meet these requirements, **at least one test per scheme for the relevant « parameters-matrices » concerned by this Order, will have a concentration less than 15 times the set quantification limit** when it is possible to maintain at the same time the quality of the test.

Which tests should you register for to meet French approvals' requirements?

Check the documents relating to the conformity of our tests of your member area on **www.association-aglae.fr**.

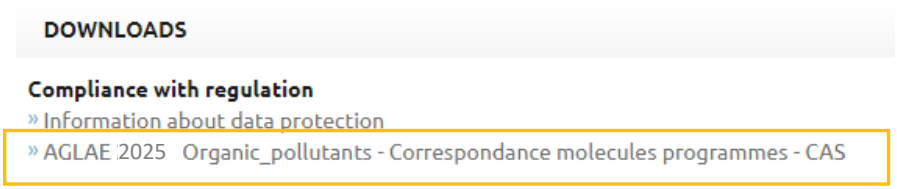
From the **French home page**, select « Téléchargements / Conformité réglementation »:



For non-members, these documents can be sent on request.

In which tests can the various organic pollutants be found?

Consult the index available on your Members' Area, in the 'Downloads / Compliance with regulation' section: search by **parameters' name and/or CAS code** and find out in which programme(s) and matrix(ces) they are implemented.



New in 2025 - environmental and cosmetics fields

New programmes in the catalogue

Base parameters and indicators in waters
- ✓ 1I Colour and turbidity in fresh waters

Pesticides and degradation residues
- ✓ 65H Pesticides and degradation residues - List 7 - in fresh waters

Water microbiology
- ✓ 39 Vegetative cells and spores of *Clostridium perfringens* in clean waters

Solid matrices
- ✓ 51C PAHs in bituminous waste with 2 new parameters: total hydrocarbon index C10-C21 and C10-C40
- ✓ 120 Solid Fuel Products

Above programmes were included in the 2023 catalogue but not in the 2024 one.

Extended accreditation

The '*in situ* measurements and sampling' proficiency tests provided by AGLAE are from now on accredited.

Note that many additional parameters are now covered by our accreditation scope, as for example microcystins by ELISA test (programme 54) and some parameters in the cosmetcis programmes 111 and 112.

Modifications of programmes

(introduced in programmes existing in 2024)

Base parameters and indicators in waters
- ✓ 1A and 1Ab: addition of REDOX potential
- ✓ 1D: colour and turbidity removed (check the programme 1I)

Indexes in waters
- ✓ 5D: increase to 4 tests per year, 2 in natural waters and 2 in waste waters

Solid matrices
- ✓ 46 VOCs in solid matrices provided **in soil** (alternating matrices)

Chlorophenols in fresh waters
- ✓ 20A: addition of 2,4-dichlorophenol + 2,5-dichlorophenol

Pesticides and degradation residues in fresh waters
- ✓ Programme 65F split into programmes 65F and 65H

Perfluorinated compounds in fresh waters
- ✓ 59: 1 test in clean waters and 1 in natural waters

Specific points

Tests provided every two years

Programmes 5E, 51B and 51C are conducted every other year:
- ✓ 51C PAHs in bituminous waste is provided in 2025
- ✓ 5E Chelating agents in fresh waters and 51B Chemical analyses and metals in waste (leaching) – 'LAGA DepV' will be provided in 2026

Solid matrices (sediments, sludge, soil, waste)

The quantity of materials is limited. Therefore, registrations are possible within the limits of available samples.

In general, if you have access to polluted solid matrices (particularly waste), please contact us at contact@association-aglae.fr

Programmes removed

Due to a lack of participants, we have decided not to provide the following programmes:
- ✓ 50B Disinfection by-products in highly mineralised mineral waters

Find the programmes related to Medical Biology in the second catalogue of AGLAE's tests

PTS in the Environmental field – chemistry and sampling

⇨ Click on the programme's title to read its description

Organic pollutants	
Fresh waters	page
4C Volatile organohalogens and benzene derivatives in fresh waters	72
4Cb Volatile organohalogens and benzene derivatives in fresh waters at low concentration levels	74
20A Chlorophenols in fresh waters	76
21A Alkylphenols in fresh waters	77
22A Chloroanilines in fresh waters	78
23A Organotin compounds in fresh waters	79
24A Brominated Diphenyl Ethers in fresh waters	80
24C HBCDD in fresh waters and HBCDD, HBB in waste waters	81
25A Biphenyl in fresh waters	82
26A Phthalates in fresh waters	83
27A C10-C13 chloroalkanes (SCCPs) in fresh waters	84
28A Haloacetic acids in fresh waters	85
29A Epichlorohydrin in fresh waters	86
52 AOX in waters	87
54 Toxins of cyanobacteria in fresh waters	88
55 Glyphosate, AMPA and other herbicides in fresh waters	89
57 Pharmaceuticals in fresh waters	90
58 Bisphenol A and S in fresh waters	91
59 Perfluorinated compounds in fresh waters	92
64 PAHs and PCBs in fresh waters	93
65A Pesticides and degradation residues - List 1 - in fresh waters	94
65B Pesticides and degradation residues – List 2 - in fresh waters	96
65C Pesticides and degradation residues - List 3 - in fresh waters	97
65D Pesticides and degradation residues - List 4 - in fresh waters	98
65E Parabens in fresh waters	99
65F Pesticides and degradation residues - List 5 - in fresh waters	100
65G Pesticides and degradation residues - List 6 - in fresh waters	101
65H Pesticides and degradation residues - List 7 - in fresh waters New	103
67 Acrylamide in fresh waters	104
69 Metabolites of chloroacetamides in fresh waters	105

*** In which tests are provided the various organic micropollutants?**

A document enables you to search by name and/or CAS code and find out in which programme(s) and matrix(ces) they are provided.

This index is available in your Members Area, in the 'Downloads / Compliance with regulation' section.

Organic pollutants	
Atypical and non-atypical mineral waters	page
92 BTEX and VOC in atypical and non-atypical natural mineral waters	106
Swimming pool waters	page
66 THMs in swimming pool waters	107
Waste waters	page
4E Volatile organohalogens and benzene derivatives in waste waters	108
4Eb Volatile organohalogens and benzene derivatives in waste waters at low concentration levels	110
4F Methanol in waste waters	112
20B Chlorophenols in waste waters	113
21B Alkylphenols in waste waters	114
22B Chloroanilines in waste waters	115
23B Organo-tin compounds in waste waters	116
24B Brominated Diphenyl Ethers in waste waters	117
24C HBCDD in fresh waters and HBCDD, HBB in waste waters	118
25B Biphenyl in waste waters	119
26B DEHP in waste waters	120
27B C10-C13 chloroalkanes (SCCPs) in waste waters	121
28B Chloroacetic acid in waste waters	122
29B Epichlorohydrin in waste waters	123
52 AOX in waters	124
55A Glyphosate, AMPA and aminotriazole in waste waters	125
59A Perfluorinated compounds in waste waters	126
59B AOF in waste waters	127
71 PAHs and PCBs in waste waters	128
72A Pesticides and degradation residues - List 1 - in waste waters	129
72B Pesticides and degradation residues - List 2 - in waste waters	130
73 Alkylphenol ethoxylates in waste waters	131

Indexes in waters	page
5A Global indexes in fresh waters	133
5B Global indexes in waste waters	134
5C Total hydrocarbons index in waters	135
5D Volatile hydrocarbons index in waters	136

PTS in the Environmental field – biology, ecotoxicology, endotoxins and cosmetics

⇨ Click on the programme's title to read its description

Conduct of the programmes subject to a sufficient number of participants

English version of the test documents provided for almost all the tests

In red: modifications compared to the 2024 scheme

Participate in AGLAE's External Quality Control

A WAY OF WORKING THAT PROVIDES YOU WITH THE HIGHEST STANDARD OF RESULTS WITH CONFIDENTIALITY AND IMPARTIALITY

Each step of the way, AGLAE is there supporting you.

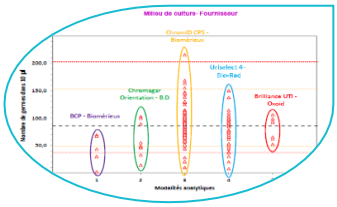
REGISTRATIONS FOR PROFICIENCY TESTING ARE DONE KNOWING THE WHOLE PROCESS, WITH A DETAILED AND RIGOUROUS SCHEDULE

- ✓ The number of evaluations per year for each parameter is specified in the catalogue, concentration levels and stabilisation are available on request.
- ✓ AGLAE uses "express" shipments for your samples and makes sure of their distribution to your laboratory.
- ✓ A sufficient delay to analyse and the report the results.
- ✓ Via your member area, **enter your results and find instructions, assigned codes, reports, summaries of your results, certificate of participation**…

THE OPTIMISATION OF RISK MANAGEMENT FOR YOUR LABORATORY

You have a better visibility of potential anomalies through:

- ✓ An appropriate test design (duplicate samples, repeaed measurements),
- ✓ A large number of participants: around 200 laboratories in the field of 'base' microbiology and 'base' physico-chemical analyses.



AGLAE's detailed study:

- ✓ Influence of the analytical methods, manufacturers (equipment and consumables)… factors that we study to help you improve the quality of your analyses,
- ✓ For waters intended for medical use and water microbiology, estimation of your own uncertainties in microbiology,
- ✓ Check of your uncertainty estimates in chemistry (zeta-score),
- ✓ A report validated by experts of the field and personalised for most tests.

ATTRACTIVE DISCOUNTS, PAYMENT CONDITIONS MADE EASIER

- Choose among the various programmes and benefit from discounts up to 15%,
- A possible payment in 2 or 3 folds depending on the amount your participation.
- Payment possible by cheque (in €), bank transfer, credit card on https://www.helloasso.com/associations/a-g-l-a-e/paiements/aglae

Amount of your invoice *(excluding transport cost)*	Discount
3000 ≤ Amount < 6000 € excl. VAT	**5%**
6000 ≤ Amount < 9000 € excl. VAT	**10%**
Amount ≥ 9000 € excl. VAT	**15%**

Additional services

Additional test samples to test another method, evaluate a technician

- ✓ Test samples available for almost all the tests at half price.
- ✓ Besides your usual distribution, you receive one (or several) additional parcel(s).
- ✓ The results of these samples are not statistically processed by AGLAE but for most tests you get a sheet **in your results file** where to **calculate your z-score**. Note that this sheet can also be used in case of unit error, incorrect results' report, etc.

⇒ *Check the **list of samples and their price on your Member Area** (Downloads / Catalogues) and contact us to receive a quote. These additional samples need to be ordered after you registration for the test and up to 2 weeks before the shipment.*

Quality Control Materials for your monitoring and improvement of your analytical performance

- ✓ Materials coming from the **solid matrices tests: sediments, sludge, polluted sites and soils.**
- ✓ Purchased at any time during the year and delivered with a certificate presenting the precision values obtained during the test (assigned value and uncertainties).

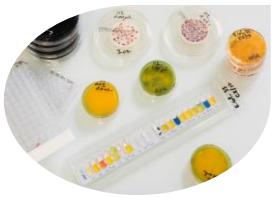
⇒ *Check the **list of materials, prices and available quantities** on your Member Area (Downloads / Catalogues) and contact us to receive a quote.*

Training sessions in microbiology: one topic possibly provided in English

Two-day on-line session to become operational for:

- ✓ Characterising a microbiological method according to ISO 13843 in order to validate it

⇒ *Should you be interested in such a session, please get back to us.*



Customized service: 'Performance characteristics of microbiological methods'

Do you need to characterise specific methods?
AGLAE can provide you support to establish methods performance characteristics, in conformity with ISO 13843*. Benefit from AGLAE's technical and statistical experience to validate your microbiological method.

** Water quality — Requirements for establishing performance characteristics of quantitative microbiological methods*

⇒ *Should you have such needs, contact us to study your request together and issue a quote.*

Summary of your results for water microbiology and water for medical use tests

Gather at any time your results and performance: for a selected period, your results are grouped in an Excel file; this is a tool to support you in your Internal Quality Control, your audits…

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Programmes' description

One programme includes from 1 to 4 proficiency tests (= rounds).
Prices specified in the catalogue are for the complete programme, which corresponds to several rounds most of the time.
When purchasing a complete programme, the price per test is lower.

Content

For each programme's description, you will find the technical content of the test : volumes, parameters, matrices, dispatch month…
The concentration levels and stabilisation modalities of the samples are available on request.

The samples' dispatch months are given for information only.

Transport costs depend on the destination and tests selected within the programmes; contact us to get a quote.

Our aim is to prepare materials as close as possible to the samples analysed in routine: the contamination levels can therefore be very low or very high.

➔ **Our concentration levels are available on request.**

Caption

This logo shows that the programme is accredited by LABORATORIES section in compliance with ISO/IEC 17043.

Glossary of the matrices used

Name of the matrix for **water chemistry**		Below the matrices that can be used, alone or mixed, to comply with the representativity of the specified matrix				
		public drinking waters	bottled waters	reverse osmosis waters	deionised waters	surface waters
Natural mineral waters						
Non-atypical*			**x** still (dry residue at 180°C<1500 mg/L)			
Atypical	**carbo-gaseous**		**x** gaseous (CO_2 >250 mg/L)	**x** regasified (CO_2 >250 mg/L)		
	highly mineralised		**x** still (dry residue at 180°C>1500 mg/L)			
Fresh waters						
Non-atypical natural mineral waters*			**x** still (dry residue at 180°C<1500 mg/L)			
Natural waters						**x**
Clean waters		**x**	**x**	**x**	**x**	**x** ***(clear)***

For more information on atypical waters, check the following document: ANSES/LHN/REF-CSE - Version 3 (in French)

** For some parameters in non-atypical natural mineral waters, specific programmes exist (3C, 92) with concentration levels different from those in fresh waters.*

Name of the matrix for **water chemistry**	Below the matrices that can be used, alone or mixed, to comply with the representativity of the specified matrix			
	Waste waters from urban WWTP	Swimming pool waters	Estuary water, costal water	Synthetic waters
Swimming pool waters		**x**		
Waste waters	**x**			**x**
Saline and brackish waters			**x**	**x**

WWTP: Waste Water Treatment Plant

Name of the matrix for **environmental biology**	**Below the matrices that can be used, alone or mixed, to comply with the representativity of the specified matrix**									
	public drinking waters	bottled waters	waters from rivers or lakes	water from well or drill	waste waters from urban WWTP	sea water	domestic hot waters	water from industrial origin	swimming pool waters	Synthetic waters
Bathing freshwaters			**x**							
Bathing saline waters						**x**				
Saline waters						**x**				**x**
Surface waters Fresh waters			**x**							**x**
Clean waters	**x**	**x**		**x**			**x**		**x**	
Waste waters					**x**					**x**
Waste waters (for Legionella tests)			**x** non-filterable					**x**		**x**

WWTP: Waste Water Treatment Plant

Name of the matrix for **Biology of waters for medical use**	**Below the matrices that can be used, alone or mixed, to comply with the representativity of the specified matrix**		
	Apyrogen sterile distilled water	Deionised water	Water for injectable preparations
Waters for medical use	**x**	**x**	**x**
Pharmaceutical waters	**x**		**x**

Name of the matrix for **Cosmetics**	**Below the matrices that can be used to comply with the representativity of the specified matrix**			
	Moisturising lotion	Cream	Lotion	Moisturising gel
Cosmetic products	**x**	**x**	**x**	**x**

Name of the matrix for **solid matrices**	**Below the matrices that can be used, alone or mixed, to comply with the representativity of the specified matrix**					
	marine, river or port sediments	sludges from WWTP, industrial, sewage	soils or industrial contaminated sites	ashes	clinkers	residues from industries or human activity
Sediments	**x**					
Sludges		**x**				
Soils			**x**			
Wastes		**x**	**x**	**x**	**x**	**x**

SAMPLING AND *IN SITU* MEASUREMENTS

PROGRAMMES 100:
IN SITU MEASUREMENTS AND SAMPLING IN DIFFERENT TYPES OF WATER

€ 849 excl. VAT – **price for the report of one series of results**

From 8 participants per interlaboratory comparison - EXPERIENCE: 8 YEARS

- **3 possible locations in France:**
  - ✓ 25M100A.1 - **Nord** – May 2025
  - ✓ 25M100C.1 - **Rhône** - June 2025
  - ✓ 25M100D.1 - **Creuse** - October 2025

- **Possibility to combine the programmes**:
  - ✓ 100A - 101A
  - ✓ 100C - 101C
  - ✓ 100D - 101D - 102D

- ***In situ* measurements:**
  - ✓ **In several types of water**:
    Bathing water, river water and swimming pool water
    - ✓ **Parameters for bathing waters and river waters***: pH, conductivity at 25°C, dissolved oxygen, temperature, turbidity[1], Secchi disc transparency[1], REDOX potential[1]. Other parameters [1] may be provided depending on the locations.
  - ✓ **Parameters for swimming pool waters:** pH, temperature, free chlorine, total chlorine and, only for test 25M100D.1, isocyanuric acid [1].

- **Sampling of surface water and/or bathing water**:
  - ✓ **Analyses by a third party**: **microbiological parameters*** (intestinal enterococci, *E. coli*, …) **and chemical*** (suspended matters, nitrates, organic carbon, total phosphorus, total calcium, micropollutants potentially present…)

** This list will be adapted according to the characteristics of the waters of the selected locations.*

[1] Parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

- ✓ Come with the usual sampling equipment
- ✓ Test conducted for a minimum of 8 participants per location, limited number of places
- ✓ Exact dates and addresses communicated at a later stage
- ✓ 25M100D.1 is carried out in partnership with OIEau for the choice of sites and access to structures.
- ✓ An overall evaluation of the sampling for physico-chemistry and microbiology will be carried out for each participant. The choice of physico-chemical sampling parameters integrate the analysis of the particulate phase and the dissolved phase.
- ✓ **Test documents of these Proficiency Testing Schemes are not translated into English.**
- ✓ Accommodation and meals to be taken care of by the participants
- ✓ A vehicle is necessary to commute from one spot to the next one

PROGRAMMES 101:
SAMPLING USING AUTOMATIC SAMPLERS IN TREATMENT PLANT

€ 849 excl. VAT - **price for the report of one series of results**

From 8 participants per interlaboratory comparison - EXPERIENCE 8 YEARS

- **3 possible locations in France:**
  - ✓ 25M101A.1 - **Nord** – May 2025
  - ✓ 25M101C.1 - **Rhône** – June 2025
  - ✓ 25M101D.1 - **Creuse** – October 2025

- **Possibility to combine the programmes**:
  - ✓ 101A - 100A
  - ✓ 101C - 100C
  - ✓ 101D - 102D - 100D

- **Measurements on reconstituted sample, on-site:**

  Parameters*: pH, conductivity, dissolved oxygen, turbidity. Other parameters may be provided.

- ***In situ* measurements:**

  Parameter: temperature

- **Evaluation of the measurement of the total volume flowed over 24 hours**

- **Sampling**:

  Analyses by a third party: **chemical parameters*** (suspended matters, ST-COD, ammonium, Total Organic Carbon, micropollutants potentially present…).

  ** This list will be adapted according to the characteristics of the waste waters.*

PARTICULARITIES

- ✓ Come with the usual sampling equipment
- ✓ Test conducted for a minimum of 8 participants. Limited number of places
- ✓ Exact dates and addresses communicated at a later stage
- ✓ 25M101D.1 is carried out in partnership with OIEau for the choice of sites and access to structures.
- ✓ **Test documents of these Proficiency Testing Schemes are not translated into English.**
- ✓ Accommodation and meals to be taken care of by the participants
- ✓ A vehicle is necessary to reach the locations

PROGRAMME 102D: FLOWMETRY - CREUSE

€ 327 excl. VAT - **price for the report of one series of results**

From 8 participants per interlaboratory comparison - EXPERIENCE: 5 YEARS

- **25M102D.1 - La Souterraine (Creuse - France) - October 2025**

- Several levels of flow on an open channel
- Total volume flowed over a defined period of time

PARTICULARITIES

- ✓ **Possibility to combine the programmes**: 100D - 101D - 102D
- ✓ Come with the usual sampling equipment
- ✓ Test conducted for a minimum of 8 participants. Limited number of participants
- ✓ Exact dates and addresses communicated at a later stage
- ✓ This programme is carried out in partnership with OIEau
- ✓ **The test documents of these Proficiency Testing Schemes are not translated into English.**
- ✓ Accommodation and meals to be taken care of by the participants
- ✓ A vehicle is necessary to reach the location

BASE PARAMETERS AND INDICATORS IN WATERS

PROGRAMME 1A: CHEMICAL ANALYSES IN FRESH WATERS

The materials are suitable for the check of analyses in clear freshwaters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 292 excl. VAT - total amount for 2 tests (excluding transport costs)

230 participants in 2024 – EXPERIENCE > 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 75 excl. VAT** (excluding transport costs)

New: REDOX potential

2 SHIPMENTS AVAILABLE / YEAR - Refrigerated parcel

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test		**25M1A.1**									**25M1A.2**	
Matrix		**Clean water**									**Clean water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
conductivity, F^-, NH_4^+, NO_2^-, NO_3^-, pH, REDOX potential	2	1000 mL	2
Ca^{2+}, Cl^-, K^+, Mg^{2+}, Na^+, PO_4^{3-}, SO_4^{2-}, soluble silicates, degree of hardness, total alkalinity, total organic carbon (TOC), total silica	2	1000 mL	2
total organic carbon (TOC), permanganate index	2	500 mL	2

PARTICULARITIES

Other recommended proficiency tests:

- **Programme 1Ab** 'Chemical analyses in fresh waters at low concentration levels'
- **Programme 1I** 'Colour and turbidity in fresh waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

pH, REDOX potential	D_0+2
total organic carbon (TOC), NH_4^+, NO_2^-, NO_3^-, PO_4^{3-}, conductivity, permanganate index, total alkalinity	D_0+3
Ca^{2+}, Cl^-, F^-, K^+, Mg^{2+}, Na^+, SO_4^{2-}, soluble silicates, total silica, degree of hardness	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1Ab: CHEMICAL ANALYSES IN FRESH WATERS AT LOW CONCENTRATION LEVELS

The materials are suitable for the check of analyses in clear freshwaters, public drinking waters, spring waters and non-atypical natural mineral waters.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 217 excl. VAT - total amount for 1 test (excluding transport costs)

134 participants in 2024 – EXPERIENCE > 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 110 excl. VAT** (excluding transport costs)

New: REDOX potential

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix							**25M1Ab.1** **Clean water**					

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
conductivity, F^-, NH_4^+, NO_2^-, NO_3^-, pH, REDOX potential	2	1000 mL	2
Ca^{2+}, Cl^-, K^+, Mg^{2+}, Na^+, PO_4^{3-}, SO_4^{2-}, soluble silicates, degree of hardness, total alkalinity, total organic carbon (TOC), total silica	2	1000 mL	2
total organic carbon (TOC), permanganate index	2	500 mL	2

PARTICULARITIES

Other recommended proficiency tests:
↳ **Programme 1I** 'Colour and turbidity in fresh water'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

pH, REDOX potential	D_0+2
total organic carbon (TOC), NH_4^+, NO_2^-, NO_3^-, PO_4^{3-}, conductivity, permanganate index, total alkalinity	D_0+3
Ca^{2+}, Cl^-, F^-, K^+, Mg^{2+}, Na^+, SO_4^{2-}, soluble silicates, total silica, degree of hardness	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1B: INDICATORS IN FRESH WATERS

€ 173 excl. VAT - total amount for 2 tests (excluding transport costs)

133 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 45 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test				**25M1B.1**						**25M1B.2**		
Matrix				**Natural water**						**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Chemical Oxygen Demand, Chemical Oxygen Demand (Sealed Tube method), DOC, total organic carbon (TOC), Total bound nitrogen (TN_b measured), Total Kjeldahl Nitrogen (TKN), Total-P	2	1000 mL	2
biochemical oxygen demand after 5 days	2	1000 mL	**1**
total suspended solids (TSS)	2	1000 mL	2

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

biochemical oxygen demand after 5 days, total suspended solids (TSS)	D_0+1
Chemical Oxygen Demand, Chemical Oxygen Demand (Sealed Tube method)	D_0+2
DOC, total organic carbon (TOC)	D_0+3
Total Kjeldahl Nitrogen (TKN)	D_0+6
Total bound nitrogen (TN_b measured), Total-P	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1C: CHLOROPHYLL A AND PHEOPIGMENTS INDEX IN FRESH WATERS

€ 201 excl. VAT - total amount for 2 tests (excluding transport costs)

51 participants in 2024 - EXPERIENCE > 20 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	**9**	10	**11**	12
Test						**25M1C.1**			**25M1C.2**			
Matrix						**Natural water**			**Natural water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
chlorophyll a, pheopigments index	2	2000 mL	2

PARTICULARITIES

Chlorophyll a and pheopigments index: after extraction, measurement of the absorbance by molecular absorption spectrometry then calculation of the concentrations using the LORENZEN or the SCOR-UNESCO equation.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

chlorophyll a, pheopigments index	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1D: FIELD PARAMETERS IN FRESH WATERS

The materials are suitable for the check of analyses in public drinking waters, spring waters and non-atypical natural mineral waters.

€ 155 excl. VAT - total amount for 2 tests (excluding transport costs)

207 participants in 2024 - EXPERIENCE > 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 40 excl. VAT** (excluding transport costs)

New: removal of colour and turbidity

2 SHIPMENTS AVAILABLE / YEAR - Refrigerated parcel

Month	1	**2**	3	4	5	6	7	8	**9**	10	11	12
Test		**25M1D.1**							**25M1D.2**			
Matrix		**Clean water**							**Clean water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
conductivity, free chlorine (or available chlorine), isocyanuric acid, pH, REDOX potential, total chlorine	2	500 mL	2

PARTICULARITIES

Other recommended proficiency tests:

- **Programme 1I** 'Colour and turbidity in fresh waters'
- **Programmes 100** '*In situ* measurements and sampling in different types of waters' in several regions of Metropolitan France to evaluate the quality of your on-site sampling (tests conducted in French only)
- **Programme 1E** 'Dissolved oxygen in fresh waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
free chlorine, isocyanuric acid, total chlorine	D_0+1
REDOX potential, pH	D_0+2
Conductivity	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1E: DISSOLVED OXYGEN IN FRESH WATERS

The materials are suitable for the check of analyses in public drinking waters, spring waters and non-atypical natural mineral waters.

€ 141 excl. VAT - total amount for 2 tests (excluding transport costs)

148 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 40 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	**25M1E.1**					**25M1E.2**						
Matrix	**Clean water**					**Clean water**						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
dissolved O_2	2	500 mL	1

PARTICULARITIES

Other recommended proficiency tests:

- **Programmes 100** '*In situ* measurements and sampling in different types of waters' in several regions of Metropolitan France to evaluate the quality of your on-site sampling
- **Programme 1D** 'Field parameters in fresh waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
dissolved O_2	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1G: DRY RESIDUE IN FRESH WATERS

The materials are suitable for the check of analyses in public drinking waters, spring waters and non-atypical natural mineral waters.

€ 79 excl. VAT - total amount for 2 tests (excluding transport costs)

61 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 20 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M1G.1						25M1G.2					
Matrix	Clean water						Clean water					

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Dry residue at 105°C, Dry residue at 180°C	2	1000 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Dry residue at 105°C, Dry residue at 180°C	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1I: COLOUR AND TURBIDITY IN FRESH WATERS

The materials are suitable for the check of analyses in public drinking waters, spring waters, non-atypical natural mineral waters and surface water.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 100 excl. VAT - total amount for 2 tests (excluding transport costs)

New to catalogue

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 25 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	**9**	10	11	12
Test		**25M1I.1**							**25M1I.2**			
Matrix		**Clean water**							**Natural water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Colour - visual comparison with PtCl62, Colour- comparison with PtCl62-(by spectrometry), colour intensity measurement at 436 nm (meth B), pH	2	500 mL	2
turbidity	2	500 mL	2

PARTICULARITIES

Colour by comparison with hexachloroplatinate: the colour can be determined by visual comparison according to (NF EN) ISO 7887 - method D or by spectrophotometry according to (NF EN) ISO 7887 - method C. For clean water (clear water), the samples should not be filtered.

Colour using (NF EN) ISO 7887 method B: the colour determination according to (NF EN) ISO 7887 method B can be carried out on these samples. For clean water (clear water), the samples should not be filtered.

Other recommended proficiency tests:

- **Programmes 100** '*In situ* measurements and sampling in different types of waters' in several regions of Metropolitan France to evaluate the quality of your on-site sampling (conducted in French only)
- **Programme 1E** 'Dissolved oxygen in fresh waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Colour, pH	D_0+2
turbidity	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 50: PERCHLORATES AND DISINFECTION BY-PRODUCTS IN FRESH WATERS

The materials are suitable for the check of analyses in public drinking waters, spring waters and non-atypical natural mineral waters.

€ 251 excl. VAT - total amount for 2 tests (excluding transport costs)

53 participants in 2024 - EXPERIENCE > 20 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	**9**	10	11	12
Test		**25M50.1**							**25M50.2**			
Matrix		**Clean water**							**Clean water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Br^-, ClO_4^-	2	250 mL	2
BrO_3^-, ClO_2^-, ClO_3^-	2	250 mL	2

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Br^-, BrO_3^-, ClO_2^-, ClO_3^-, ClO_4^-	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 91: ODOUR AND FLAVOUR IN WATERS INTENDED FOR HUMAN CONSUMPTION

The materials are suitable for the check of analyses in public drinking waters, spring waters and non-atypical natural mineral waters.

€ 198 excl. VAT - total amount for 2 tests (excluding transport costs)

20 participants in 2024 – EXPERIENCE: 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	**9**	10	11	12
Test				**25M91.1**					**25M91.2**			
Matrix				**Clean water**					**Clean water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Threshold Odour Number - TON	2	500 mL	1
Threshold Flavour Number - TFN	2	500 mL	1

PARTICULARITIES

Threshold odour number (TON) and threshold flavour number (TFN) by the complete method by paired comparison with non-forced choice according to NF EN 1622 standard.

Panel of 5 assessors maximum for each test.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Threshold Flavour Number - TFN, Threshold Odour Number - TON	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 90: CHEMICAL ANALYSES IN SPARKLING WATERS

Carbogaseous waters: CO_2 > 250 mg/L

€ 140 excl. VAT - total amount for 1 test (excluding transport costs)

39 participants in 204 – EXPERIENCE: 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 70 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	9	10	11	12
Test Matrix						**25M90.1 Carbogaseous water**						

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
turbidity, HCO_3^-, conductivity, pH, total alkalinity	2	500 mL	1
F^-, NH_4^+, NO_2^-, NO_3^-, Br^-	2	500 mL	2
Ca^{2+}, Cl^-, K^+, Mg^{2+}, Na^+, SO_4^{2-}, dissolved silica, degree of hardness	2	500 mL	2
total organic carbon (TOC), PO_4^{3-}	2	330 mL	2

PARTICULARITIES

Other recommended proficiency test:

- **Programme 90B** 'Dissolved CO_2 in sparkling waters'
- **Programme 93** 'Dry residue in atypical natural mineral waters'
- **Programme 3E** 'Metals in sparkling waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

total organic carbon (TOC), turbidity, HCO_3^-, NH_4^+, NO_2^-, NO_3^-, PO_4^{3-}, conductivity, pH, total alkalinity	D_0+3
Ca^{2+}, Cl^-, F^-, K^+, Mg^{2+}, Na^+, SO_4^{2-}, dissolved silica, degree of hardness, Br^-	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 90A: CHEMICAL ANALYSES IN HIGHLY MINERALISED MINERAL WATERS

Highly mineralised waters: still mineral waters with dry residue content at 180°C > 1500 mg/L

€ 148 excl. VAT - total amount for 1 test (excluding transport costs)

29 participants in 2024 - EXPERIENCE: 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 75 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test									**25M90A.1**			
Matrix									**Highly mineralised mineral waters**			

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
conductivity, HCO_3^-, pH, total alkalinity, turbidity	2	1000 mL	2
Br^-, F^-, NH_4^+, NO_2^-, NO_3^-	2	500 mL	2
Ca^{2+}, Cl^-, K^+, Mg^{2+}, Na^+, PO_4^{3-}, SO_4^{2-}, dissolved silica, degree of hardness, total organic carbon (TOC)	2	1000 mL	2

PARTICULARITIES

Other recommended proficiency test:

- **Programme 93** 'Dry residue in atypical natural mineral waters'
- **Programme 3F** ' Metals in highly mineralised mineral waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

total organic carbon (TOC), turbidity, HCO_3^-, NH_4^+, NO_2^-, NO_3^-, PO_4^{3-}, conductivity, pH, total alkalinity	D_0+3
Br^-, Ca^{2+}, Cl^-, F^-, K^+, Mg^{2+}, Na^+, SO_4^{2-}, dissolved silica, degree of hardness	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 90B: DISSOLVED CO_2 IN SPARKLING WATERS

Carbogaseous waters: CO_2 > 250 mg/L

€ 104 excl. VAT - total amount for 1 test (excluding transport costs)

15 participants in 2024 – EXPERIENCE: 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	9	10	11	12
Test						**25M90B.1**						
Matrix						**Carbogaseous water**						

Parameters to analyse	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
Dissolved CO_2	330 mL	2	1

PARTICULARITIES

Other recommended proficiency test:

- **Programme 90** 'Chemical analyses in sparkling waters'
- **Programme 93** 'Dry residue in atypical natural mineral waters'
- **Le programme 3E** 'Metals in sparkling waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Dissolved CO_2	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 93: DRY RESIDUE IN ATYPICAL NATURAL MINERAL WATERS

Atypical natural mineral waters: still mineral waters with dry residue content at 180°C > 1500 mg/L or carbogaseous waters with CO_2 > 250 mg/L

€ 79 excl. VAT - total amount for 2 tests (excluding transport costs)

9 participants in 2024 - EXPERIENCE: 4 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 20 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	**6**	7	8	9	10	11	12
Test Matrix		**25M93.1** **carbogaseous water**				**25M93.2** **highly mineralised mineral water**						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Dry residue at 180°C	2	1000 mL	2

PARTICULARITIES

Other recommended proficiency test:

- **Programme 90** 'Chemical parameters in sparkling waters'
- **Programme 90B** 'Dissolved CO_2 in sparkling waters'
- **Programme 3E** 'Metals in sparkling waters'

- **Programme 90A** 'Chemical parameters in highly mineralised mineral waters'
- **Programme 3F** 'Metals in highly mineralised mineral waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Dry residue at 180°C	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 1H: FIELD PARAMETERS AND INDICATORS IN SWIMMING POOL WATERS

€ 261 excl. VAT - total amount for 2 tests (excluding transport costs)

77 participants in 2024 – EXPERIENCE: 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 70 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	**9**	10	11	12
Test				**25M1H.1**					**25M1H.2**			
Matrix				**Swimming pool water**					**Swimming pool water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
isocyanuric acid, free chlorine (or available chlorine), total chlorine, Cl^-, pH	2	500 mL	2
Total organic carbon (TOC), permanganate index	2	500 mL	2

PARTICULARITIES

Other recommended proficiency test:

↳ **Programme 50A** 'Disinfection by-products in swimming pool waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

isocyanuric acid, free chlorine, total chlorine	D_0+1
pH	D_0+2
Total organic carbon (TOC), Cl^-, permanganate index	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 50A: DISINFECTION BY-PRODUCTS IN SWIMMING POOL WATERS

€ 155 excl. VAT - total amount for 1 test (excluding transport costs)

46 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 80 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	**5**	6	7	8	9	10	**11**	12
Test Matrix					**25M50A.1** **Swimming pool water**							

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Br^-, BrO_3^-	2	250 mL	2
ClO_2^-, ClO_3^-	2	250 mL	2

PARTICULARITIES

Other recommended proficiency test:

Programme 1H 'Field parameters and indicators in swimming pool waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Br^-, BrO_3^-, ClO_2^-, ClO_3^-	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 6: CHEMICAL ANALYSES IN SALINE WATERS

€ 688 excl. VAT - total amount for 2 tests (excluding transport costs)

34 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 175 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	**9**	10	11	12
Test						**25M6.1**			**25M6.2**			
Matrix						**Saline and brackish water**			**Saline and brackish water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
NH_4^+, NO_2^-, NO_3^-, PO_4^{3-}, dissolved silica, Total-P	2	1000 mL	2
pH, salinity, total organic carbon (TOC)	2	1000 mL	2
total suspended solids (TSS)	2	1000 mL	2
turbidity	2	500 mL	2

PARTICULARITIES

Other recommended proficiency test:
- **Programme 6A** 'Dissolved oxygen in saline waters'
- **Programme 7** 'Metals in saline waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

pH	D_0+1
total suspended solids (TSS)	D_0+2
NH_4^+, NO_2^-, NO_3^-, PO_4^{3-}, turbidity	D_0+3
total organic carbon (TOC), dissolved silica, Total-P, salinity	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 6A: DISSOLVED OXYGEN IN SALINE WATERS

€ 125 excl. VAT - total amount for 1 test (excluding transport costs)

17 participants in 2024 - EXPERIENCE: 2 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

1 SHIPMENT AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test									25M6A.1			
Matrix									Saline and brackish water			

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Dissolved O_2	2	500 mL	1

PARTICULARITIES

Other recommended proficiency test:
- **Programme 6** 'Chemical analyses in saline waters'
- **Programme 7** 'Metals in saline waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Dissolved O_2	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 2A: CHEMICAL ANALYSES IN WASTE WATERS

€ 218 excl. VAT - total amount for 2 tests (excluding transport costs)

139 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test			**25M2A.1**						**25M2A.2**			
Matrix			**Waste water**						**Waste water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Dissolved salts, F^-, conductivity, pH, soluble silicates, total silica (Si)	2	1000 mL	2
Dissolved calcium (Ca^{2+}), total calcium (Ca), Cl^-, K^+, dissolved magnesium (Mg^{2+}), total magnesium (Mg), Na^+, SO_4^{2-}, total alkalinity	2	1000 mL	2
PO_4^{3-}	2	250 mL	2

PARTICULARITIES

Dissolved salts: evaluation of the quantity of dissolved matters from the measurement of the theoretical electrical conductivity according to NF T90-111 or any other equivalent standard; the results have to be reported in µS/cm.

Total silica (Si), total calcium (Ca), total magnesium (Mg): dissolved and particulate forms have to be taken into account.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

pH	D_0+1
Dissolved salts, PO_4^{3-}, SO_4^{2-}, conductivity, total alkalinity	D_0+3
Dissolved calcium (Ca^{2+}), total calcium (Ca), Cl^-, F^-, K^+, dissolved magnesium (Mg^{2+}), total magnesium (Mg), Na^+, total silica, soluble silicates	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 2B: INDICATORS IN WASTE WATERS

€ 278 excl. VAT - total amount for 2 tests (excluding transport costs)

216 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 70 excl. VAT** (excluding transport costs)

2 SHIPMENTS / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test Matrix			**25M2B.1** **Waste water**						**25M2B.2** **Waste water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Br^-, NH_4^+, NO_2^-, NO_3^-, conductivity, pH	2	1000 mL	2
DOC, total organic carbon (TOC), Total Kjeldahl Nitrogen (TKN), Total bound nitrogen (TN_b measured), Total-P	2	1000 mL	2
total suspended solids (TSS)	2	1000 mL	2
Chemical Oxygen Demand, Chemical Oxygen Demand (Sealed Tube method), Cl^-	2	1000 mL	2
BOD_5			1

PARTICULARITIES

Other recommended proficiency tests:

- **Programme 2C** 'Indicators in waste waters at low concentration levels'
- **Programme 2F** 'ST-COD at low contents in waste waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
BOD_5, Chemical Oxygen Demand, Chemical Oxygen Demand (Sealed Tube method), pH, total suspended solids (TSS)	D_0+1
DOC, total organic carbon (TOC), NH_4^+, NO_2^-, NO_3^-, Total Kjeldahl Nitrogen (TKN), Total bound nitrogen (TN_b measured), conductivity	D_0+3
Br^-, Cl^-, Total-P	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 2C: INDICATORS IN WASTE WATERS AT LOW CONCENTRATION LEVELS

€ 151 excl. VAT - total amount for 1 test (excluding transport costs)

123 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 80 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	**12**
Test												**25M2C.1**
Matrix												**Waste water**

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Br^-, NH_4^+, NO_2^-, NO_3^-, conductivity, pH	2	1000 mL	2
DOC, total organic carbon (TOC), Total Kjeldahl Nitrogen (TKN), Total bound nitrogen (TN_b measured), Total-P	2	1000 mL	2
total suspended solids (TSS)	2	1000 mL	2
Chemical Oxygen Demand, Chemical Oxygen Demand (Sealed Tube method), Cl^-	2	1000 mL	2
BOD_5			1

PARTICULARITIES

Other recommended proficiency tests:

↳ **Programme 2F** 'ST-COD at low contents in waste waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
BOD_5, Chemical Oxygen Demand, Chemical Oxygen Demand (Sealed Tube method), pH, total suspended solids (TSS)	D_0+1
DOC, total organic carbon (TOC), NH_4^+, NO_2^-, NO_3^-, Total Kjeldahl Nitrogen (TKN), Total bound nitrogen (TN_b measured), conductivity	D_0+3
Br^-, Cl^-, Total-P	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 2D: FIELD PARAMETERS IN WASTE WATERS

€ 94 excl. VAT - total amount for 2 tests (excluding transport costs)

114 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 25 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test Matrix		**25M2D.1** **Waste water**								**25M2D.2** **Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
pH, conductivity, turbidity, REDOX potential, true colour by comparison with hexachloroplatinate	2	500 mL	2

PARTICULARITIES

True colour analysed by spectrophotometry according to method C of the NF EN ISO 7887 standard. The determination of the true colour according to the method D of the NF EN ISO 7887 standard can be carried out.

Other recommended proficiency tests:

↳ **Programmes 101** 'Sampling using automatic samplers in treatment plant' in several regions of Metropolitan France to evaluate the quality of your on-site sampling (conducted in French only)

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

pH, true colour by comparison with hexachloroplatinate	D_0+1
REDOX potential, turbidity	D_0+2
conductivity	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 2F: ST-COD AT LOW CONTENTS IN WASTE WATERS

€ 98 excl. VAT - total amount for 1 test (excluding transport costs)

69 participants in 2024 – EXPERIENCE: 3 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	**5**	6	7	8	9	10	11	12
Test Matrix					**25M2F.1 Waste water**							

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Cl^-, Chemical Oxygen Demand (Sealed Tube method)	2	250 mL	2

PARTICULARITIES

In the frame of this proficiency test, ST-COD contents will be low and between 10 mg of O_2/L and 30 mg of O_2/L.

Test samples may contain high chloride contents, which will nevertheless be representative of the levels found in routine waste waters.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Chemical Oxygen Demand (Sealed Tube method)	D_0+1
Cl^-	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 2G: DRY RESIDUE IN WASTE WATERS

€ 79 excl. VAT - total amount for 2 tests (excluding transport costs)

19 participants in 2024 – EXPERIENCE: 1 YEAR

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 20 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test Matrix			**25M2G.1** **Waste water**							**25M2G.2** **Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Dry residue at 105°C without filtration Dry residue at 180°C without filtration	2	500 mL	2

PARTICULARITIES

The dry residue measurement at 105°C and /or at 180°C will have to be carried out without prior filtration of the sample.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Dry residue at 105°C, Dry residue at 180°C	J_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

METALS IN WATERS

PROGRAMME 3A: METALS IN FRESH WATERS

Test materials are suitable for the check of analyses in clear freshwaters, public drinking waters and non-atypical spring waters.

€ 580 excl. VAT -total amount for 3 tests (excluding transport costs)

137 participants in 2024 – EXPERIENCE > 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 100 excl. VAT** (excluding transport costs)

3 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M3A.1					25M3A.2					25M3A.3	
Matrix	Clean water					Clean water					Clean water	

Parameters to analyse *(implemented twice during the year and in 3 deliveries)*	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
25M3A.1			
Al, Ba, Be, Cd, Co, Cr, Fe, Li, Mn, Mo, Ni, Pb, S, Sr, Ti, U, V, Zn	2	500 mL	2
Ag	2	250 mL	2
Hg	2	250 mL	2
25M3A.2			
Al, As, B, Be, Bi, Cd, Cu, Fe, Mo, Pb, S, Sb, Se, Sn, Te, Ti, Tl, W, Zr	2	500 mL	2
Ce, Ga, Gd, La	2	100 mL	2
Hg	2	250 mL	2
25M3A.3			
As, B, Ba, Bi, Co, Cr, Cu, Li, Mn, Ni, Sb, Se, Sn, Sr, Te, Tl, U, V, W, Zn, Zr	2	500 mL	2
Ce, Ga, Gd, La	2	100 mL	2
Ag	2	250 mL	2

PARTICULARITIES

For all the parameters, the method used should enable to measure the total content of this element.

Other recommended proficiency tests:

- **Programme 3G** 'Additional metals in fresh waters'
- **Programme 3C** 'Metals in non-atypical natural mineral waters' (concentration levels appropriate for non-atypical mineral waters)

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Ag	D_0+3
Al, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Fe, Ga, Gd, Hg, La, Li, Mn, Mo, Ni, Pb, S, Sb, Se, Sn, Sr, Te, Ti, Tl, U, V, W, Zn, Zr	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 3G: ADDITIONAL METALS IN FRESH WATERS

Test materials are suitable for the check of analyses in clear freshwaters, public drinking waters and non-atypical spring waters.

€ 151 excl. VAT - total amount for 1 test (excluding transport costs)

11 participants in 2024 – EXPERIENCE: 1 YEAR

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 80 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	7	**8**	9	10	11	12
Test Matrix								**25M3G.1 Clean water**				

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Cs, In, Pd, Pt, Rb	2	500 mL	2

PARTICULARITIES

For all the parameters, the method used should enable to measure the total content of this element.

Other recommended proficiency tests:

- **Programme 3A** 'Metals in fresh waters'
- **Programme 3C** 'Metals in non-atypical natural mineral waters' (concentration levels appropriate for non-atypical mineral waters)

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Cs, In, Pd, Pt, Rb	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 3D: HEXAVALENT CHROMIUM IN WATERS

Clean and natural waters: the materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 161 excl. VAT - total amount for 4 tests (excluding transport costs)

84 participants in 2024 - EXPERIENCE 20 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 20 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix	**25M3D.1** **Waste water**			**25M3D.2** **Clean water**				**25M3D.3** **Waste water**			**25M3D.4** **Natural water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Cr^{+6}	2	250 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Cr^{+6}	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 3C: METALS IN NON-ATYPICAL NATURAL MINERAL WATERS

Non-atypical natural mineral waters: flat mineral water with dry residue content at 180°C < 1500 mg/L

€ 267 excl. VAT - total amount for 2 tests (excluding transport costs)

33 participants in 2024 - EXPERIENCE 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 70 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M3C.1					25M3C.2						
Matrix	Flat mineral water					Flat mineral water						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Al, As, B, Ba, Be, Cd, Cr, Cu, Fe, Li, Mn, Ni, Pb, Sb, Se, Sr, U, Zn	2	500 mL	2
Hg	2	250 mL	2

PARTICULARITIES

For all the parameters, the method used should enable to measure the total content of the element.

'Health approval': this specific programme provides **concentration levels appropriate for non-atypical mineral waters**.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Al, As, B, Ba, Be, Cd, Cr, Cu, Fe, Hg, Li, Mn, Ni, Pb, Sb, Se, Sr, U, Zn	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 3E: METALS IN SPARKLING WATERS

Carbogaseous waters: CO_2 >250 mg/L

€ 193 excl. VAT – total amount for 1 test (excluding transport costs)

22 participants in 2024 – EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 100 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR

Month	1	**2**	3	4	5	6	7	8	9	10	**11**	12
Test Matrix		**25M3E.1 Carbogaseous water**										

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Al, As, B, Ba, Be, Cd, Cr, Cu, Fe, Li, Mn, Ni, Pb, Sb, Se, Sr, U, Zn	2	500 mL	2
Hg	2	250 mL	2

PARTICULARITIES

For all the parameters, the method used must enable to measure the total content of this element.

Other recommended proficiency test:

- **Programme 90** 'Chemical analyses in sparkling waters'
- **Programme 90B** 'Dissolved CO_2 in sparkling waters'
- **Programme 93** 'Dry residue in atypical natural mineral waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Al, As, B, Ba, Be, Cd, Cr, Cu, Fe, Hg, Li, Mn, Ni, Pb, Sb, Se, Sr, U, Zn	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 3F: METALS IN HIGHLY MINERALISED MINERAL WATERS

Highly mineralised waters: flat mineral waters with dry residue content at 180°C > 1500 mg/L

€ 195 excl. VAT - total amount for 1 test (excluding transport costs)

12 participants in 2024 - EXPERIENCE: 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 100 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test							**25M3F.1**					
Matrix							**Highly mineralised water**					

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Al, As, B, Ba, Be, Cd, Cr, Cu, Fe, Li, Mn, Ni, Pb, Sb, Se, Sr, U, Zn	2	500 mL	2
Hg	2	250 mL	2

PARTICULARITIES

For all the parameters, the method used must enable to measure the total content of this element.

Other recommended proficiency test:

- **Programme 90A** 'Chemical analyses in highly mineralised mineral waters'
- **Programme 93** 'Dry residue in atypical natural mineral waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Al, As, B, Ba, Be, Cd, Cr, Cu, Fe, Hg, Li, Mn, Ni, Pb, Sb, Se, Sr, U, Zn	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 7: METALS IN SALINE WATERS

€ 151 excl. VAT - total amount for 1 test (excluding transport costs)

17 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 80 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR

Month	1	2	3	4	**5**	6	7	8	9	10	**11**	12
Test					**25M7.1**							
Matrix					**Saline and brackish water**							

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
As, Cd, Cr, Cu, Ni, Pb, Fe, Mn, Zn	2	1000 mL	2
Hg	2	250 mL	2

PARTICULARITIES

For all the parameters, the method used should enable to measure the total content of the element.

Other recommended proficiency test:
- **Programme 6** 'Chemical analyses in saline waters'
- **Programme 6A** 'Dissolved oxygen in saline waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
As, Cd, Cr, Cu, Hg, Ni, Pb, Fe, Mn, Zn	analyse upon receipt

PROGRAMME 3B: METALS IN WASTE WATERS

€ 591 excl. VAT – total amount for 3 tests (excluding transport costs)

111 participants in 2024 - EXPERIENCE 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 100 excl. VAT** (excluding transport costs)

3 SHIPMENTS AVAILABLE / YEAR

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	**12**
Test Matrix			**25M3B.1** **Waste water**						**25M3B.2** **Waste water**			**25M3B.3** **Waste water**

Parameters to analyse *(implemented twice during the year and in 3 deliveries)*	**Number of bottles**	**Volume of bottles**	**Number of measurements per parameter and per bottle**
25M3B.1			
Al, As, B, Ba, Cd, Co, Cr, Fe, Li, Mn, Ni, Sn, Te, Ti, Tl, V, W, Zr	2	500 mL	2
Ag, Hg	2	250 mL	2
25M3B.2			
As, B, Ba, Be, Bi, Co, Cu, Mn, Mo, Ni, Pb, S, Sb, Se, Sr, Te, U, V, W, Zn	2	500 mL	2
25M3B.3			
Al, Be, Bi, Cd, Cr, Cu, Fe, Li, Mo, Pb, S, Sb, Se, Sn, Sr, Ti, Tl, U, Zn, Zr	2	500 mL	2
Ag, Hg	2	250 mL	2

PARTICULARITIES

For all the parameters, the method used should enable to measure the total content of this element.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Ag	D_0+3
Al, As, B, Ba, Be, Bi, Cd, Co, Cr, Cu, Fe, Hg, Li, Mn, Mo, Ni, Pb, S, Sb, Se, Sn, Sr, Te, Ti, Tl, U, V, W, Zn, Zr	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 3D: HEXAVALENT CHROMIUM IN WATERS

Clean and natural waters: the materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 161 excl. VAT - total amount for 4 tests (excluding transport costs)

84 participants in 2024 - EXPERIENCE 20 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 20 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix	**25M3D.1** **Waste water**			**25M3D.2** **Clean water**				**25M3D.3** **Waste water**			**25M3D.4** **Natural water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Cr^{+6}	2	250 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Cr^{+6}	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

SOLID MATRICES

PROGRAMME 9: CHEMICAL ANALYSES AND METALS IN SEDIMENTS

€ 354 excl. VAT - total amount for 2 tests (excluding transport costs)

48 participants in 2024 – EXPERIENCE > 25 YEARS

Quality Control Materials coming from proficiency tests available
€ 20 excl. VAT per bottle (excluding transport costs)
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M9.1						25M9.2					
Matrix	Sediment						Sediment					

Parameters to analyse for each shipment	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
total organic carbon (TOC), Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mn, Mg, Mo, Na, Ni, Pb, pH, Sb, Se, Sn, Ti, Tl, Total Kjeldahl Nitrogen (TKN), Total-P, U, V, Zn, total-C, total-N, dry matter, loss on ignition at 550°C	2	around 60 g	2

PARTICULARITIES

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Please note that laboratories that carry out so-called 'total dissolution' may not be evaluated due to a lack of a sufficient number of results in the event of a proven difference between methods. In this case, comments on the participants' performance will be provided in the report.

Other recommended proficiency test:

↳ **Programme 47** 'Grain size distribution in solid matrices'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

dry matter, loss on ignition at 550°C	D_0+17
Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mn, Mg, Mo, Na, Ni, Pb, pH, Sb, Se, Sn, Ti, Tl, Total Kjeldahl Nitrogen (TKN), Total-P, U, V, Zn, total-C, total-N, total organic carbon (TOC)	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 10: ORGANIC MICROPOLLUTANTS IN SEDIMENTS

€ 553 excl. VAT - total amount for 2 tests (excluding transport costs)

34 participants in 2024 – EXPERIENCE > 25 YEARS

Quality Control Materials coming from proficiency tests available
€ 20 excl. VAT per bottle (excluding transport costs)
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	**3**	4	5	6	**7**	8	9	10	11	12
Test Matrix			**25M10.1** **Sediment**				**25M10.2** **Sediment**					

Parameters to analyse for each shipment	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
PCBs: PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180 **Organochlorines:** aldrin, dieldrin, heptachlor, heptachlorepoxyde (total), lindane **Organophosphorus:** diazinon	2	around 70 g	2
PAHs: acenaphtene, acenaphtylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3 - cd]pyrene, 2-methylfluoranthene, 2-methylnaphtalene, naphtalene, phenanthrene, pyrene, **Total hydrocarbons index - C10-C40 range** **Organotin compounds:** monobutyltin cation, dibutyltin cation, tributyltin cation, tetrabutyltin, triphenyltin cation	2	around 100 g	2

PARTICULARITIES

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Total hydrocarbons index - C10-C40 range: sum of the concentrations of compounds extractable with a hydrocarbon solvent, boiling point between 36 °C and 69 °C, not adsorbed on Florisil and which may be chromatographed by GC-FID, with retention times between those of n-decane (C10H22) and n-tetracontane (C40H82).

Other recommended proficiency test:

↳ **Programme 46** 'Volatile Organic Compounds in solid matrices'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
PCBs, Organochlorines, Organophosphorus, PAHs, total hydrocarbons index - C10-C40 range, Organotin compounds	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 40: CHEMICAL ANALYSES AND METALS IN RECOVERABLE SEWAGE SLUDGES

€ 512 excl. VAT - total amount for 2 tests (excluding transport costs)

49 participants in 2024 - EXPERIENCE > 25 YEARS

Quality Control Materials coming from proficiency tests available for pretreated materials only.
€ 20 excl. VAT per bottle (excluding transport costs).
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test Matrix				**25M40.1** **Pretreated sludge**						**25M40.2** **Raw sludge**		

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Pretreated sludge			
total organic carbon (TOC), Ag, Al, As, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sum (Cr + Cu + Ni + Zn), Total Kjeldahl Nitrogen (TKN), total-C, total-N, Total-P, Total-S, Ti, V, Zn, dry matter, loss on ignition at 550°C, pH	2	around 60 g	2
Raw sludge			
total organic carbon (TOC), Al, As, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sum (Cr + Cu + Ni + Zn), Total Kjeldahl Nitrogen (TKN), total-C, total-N, Total-P, Total-S, Zn, dry matter, loss on ignition at 550°C, pH	2	around 500 g	2

PARTICULARITIES

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

A.G.L.A.E. provides proficiency tests on the one hand on **raw materials** (to include the part of measurement uncertainty due to the pretreatment phase like in your routine analyses) and on the other hand on **pretreated materials** (to guarantee the presence of all the parameters to analyse and carry out enhanced monitoring on the analytical part of the analysis, predominant source of uncertainty).

- ✓ **Pretreated material:** material dried, crushed and sieved.
- ✓ **Raw material:** material dried, lightly crushed but not sieved. If we are not able to guarantee the presence of all the parameters listed, an evaluation of your results will still be carried out (check of false positives).

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
dry matter, loss on ignition at 550°C	D_0+17
Ag, Al, As, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sum (Cr + Cu + Ni + Zn), Total Kjeldahl Nitrogen (TKN), total-C, total-N, Total-P, Total-S, Ti, V, Zn, pH, total organic carbon (TOC)	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 41: ORGANIC MICROPOLLUTANTS IN RECOVERABLE SEWAGE SLUDGES

€ 577 excl. VAT - total amount for 2 tests (excluding transport costs)

27 participants in 2024 - EXPERIENCE > 25 YEARS

Quality Control Materials coming from proficiency tests available for pretreated materials only.
€ 20 excl. VAT per bottle (excluding transport costs).
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test Matrix				**25M41.1** **Pretreated sludge**						**25M41.2** **Raw sludge**		

Parameters to analyse for each shipment	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Dry matter **PAHs:** acenaphtene, acenaphtylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3 - cd]pyrene, naphtalene, phenanthrene, pyrene **PCBs:** PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, Sum of PCBs 28, 52, 101, 118, 138, 153, 180	2	Pretreated sludge: around 100 g Raw sludge: around 400 g	2

PARTICULARITIES

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

A.G.L.A.E. provides proficiency tests on the one hand on raw materials (to include the part of measurement uncertainty due to the pretreatment phase like in your routine analyses) and on the other hand on pretreated materials (to guarantee the presence of all the parameters to analyse and carry out enhanced monitoring on the analytical part of the analysis, predominant source of uncertainty).

- ✓ **Pretreated material:** material dried, crushed and sieved.
- ✓ **Raw material:** material dried, lightly crushed but not sieved. If we are not able to guarantee the presence of all the parameters listed, an evaluation of your results will still be carried out (check of false positives).

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Dry matter	D_0+17
PAHs, PCBs	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 43: CHEMICAL ANALYSES AND METALS IN CONTAMINATED SITES AND SOILS

€ 306 excl. VAT - total amount for 2 tests (excluding transport costs)

27 participants in 2024 - EXPERIENCE > 10 YEARS

Quality Control Materials coming from proficiency tests available for pretreated materials only.
€ 20 excl. VAT per bottle (excluding transport costs).
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	**5**	6	7	8	9	10	**11**	12
Test Matrix					**25M43.1** **Pretreated soil**						**25M43.2** **Raw soil**	

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Pretreated soil			
total organic carbon (TOC), dry matter, Al, As, Ba, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Total-P, Sb Se, Sn, Zn	2	around 50 g	2
Raw soil			
total organic carbon (TOC), dry matter, Al, As, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Ni, Pb, Total-P, Se, Zn	2	around 500 g	2

PARTICULARITIES

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Please note that laboratories that carry out so-called 'total dissolution' may not be evaluated due to a lack of a sufficient number of results in the event of a proven difference between methods. In this case, comments on the participants' performance will be provided in the report.

A.G.L.A.E. provides proficiency tests on the one hand on **raw materials** (to include the part of measurement uncertainty due to the pretreatment phase like in your routine analyses) and on the other hand on **pretreated materials** (to guarantee the presence of all the parameters to analyse and carry out enhanced monitoring on the analytical part of the analysis, predominant source of uncertainty).

- ✓ **Pretreated material:** material dried, crushed and sieved.
- ✓ **Raw material:** material dried, lightly crushed but not sieved. If we are not able to guarantee the presence of all the parameters listed, an evaluation of your results will still be carried out (check of false positives).

Other recommended proficiency test:

↳ **Programme 47** 'Grain size distribution in solid matrices'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
dry matter	D_0+17
Al, As, Ba, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Total-P, Zn, total organic carbon (TOC)	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 44: ORGANIC MICROPOLLUTANTS IN CONTAMINATED SITES AND SOILS

€ 459 excl. VAT - total amount for 2 tests (excluding transport costs)

29 participants in 2024 - EXPERIENCE > 10 YEARS

Quality Control Materials coming from proficiency tests available for pretreated materials only.
€ 20 excl. VAT per bottle (excluding transport costs).
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	**5**	6	7	8	9	10	**11**	12
Test					**25M44.1**						**25M44.2**	
Matrix					**Pretreated soil**						**Raw soil**	

Parameters to analyse for each shipment	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
PAHs: acenaphtene, acenaphtylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3 - cd]pyrene, naphtalene, phenanthrene, pyrene **Total hydrocarbons index - C10-C40 range** **PCBs:** PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180	2	Pretreated soil: around 100 g Raw soil: around 400 g	2

PARTICULARITIES

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Total hydrocarbons index - C10-C40 range: sum of the concentrations of compounds extractable with a hydrocarbon solvent, boiling point between 36 °C and 69 °C, not adsorbed on Florisil and which may be chromatographed by GC-FID, with retention times between those of n-decane (C10H22) and n-tetracontane (C40H82).

Other recommended proficiency test:

↳ **Programme 46** 'Volatile Organic Compounds in solid matrices'

PARTICULARITIES (CONTINUED)

A.G.L.A.E. provides proficiency tests on the one hand on **raw materials** (to include the part of measurement uncertainty due to the pretreatment phase like in your routine analyses) and on the other hand on **pretreated materials** (to guarantee the presence of all the parameters to analyse and carry out enhanced monitoring on the analytical part of the analysis, predominant source of uncertainty).

- ✓ **Pretreated material:** material dried, crushed and sieved.
- ✓ **Raw material:** material dried, lightly crushed but not sieved. If we are not able to guarantee the presence of all the parameters listed, an evaluation of your results will still be carried out (check of false positives).

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
PAHs Total hydrocarbons index - C10-C40 range PCBs	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 46: VOLATILE ORGANIC COMPOUNDS IN SOLID MATRICES

€ 271 excl. VAT - total amount for 1 test (excluding transport costs)

24 participants in 2024 - EXPERIENCE: 2 YEARS

1 SHIPMENT AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	10	**11**	12
Test			**25M46.1**									
Matrix			**Pretreated sediment**									

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Dry matter Benzene, toluene, ethylbenzene, xylene ortho, xylene para + xylene meta, total xylenes	2	around 100 g	2

PARTICULARITIES

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Other recommended proficiency tests:

- **Programme 10** 'Organic micropollutants in sediments'
- **Programme 44** 'Organic micropollutants in polluted sites and soils'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Dry matter	D_0+17
Benzene, toluene, ethylbenzene, xylene ortho, xylene para + xylene meta, total xylenes	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 47: GRAIN SIZE DISTRIBUTION IN SOLID MATRICES

€ 214 excl. VAT - total amount for 2 tests (excluding transport costs)

25 participants in 2024 - EXPERIENCE > 20 YEARS

Quality Control Materials coming from proficiency tests available
€ 20 excl. VAT per bottle (excluding transport costs)
These materials are available once the test report is issued.

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M47.1						25M47.2					
Matrix	Sediment						Soil					

Parameters to analyse for each shipment	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Grain size distribution[1], dry matter	2	around 100 g	2

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Dry matter	J_0+17
Grain size distribution	J_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 51: CHEMICAL ANALYSES AND METALS IN WASTE (LEACHING)

Wastes can be polluted soils, ashes, clinkers, residues from industrial activity, sludges from wastewater treatment plants.

€ 634 excl. VAT - total amount for 2 tests (excluding transport costs)

48 participants in 2024 - EXPERIENCE > 20 YEARS

2 SHIPMENTS AVAILABLE / YEAR

Month	1	2	3	4	5	**6**	7	8	**9**	10	11	12
Test						**25M51.1**			**25M51.2**			
Matrix						**Waste**			**Waste**			

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
25M51.1			
conductivity, dry matter, dry residue at 105°C of the eluate, pH, soluble fraction, total organic carbon (TOC), unburned rate at 500°C As, Cd, Cr, Cu, Ni, Pb, Zn, Cl^-, F^-, SO_4^{2-}	2	around 125 g	1
25M51.2			
conductivity, dry matter, dry residue at 105°C of the eluate, pH, soluble fraction, total organic carbon (TOC), unburned rate at 500°C As, Ba, Cd, Cr, Cu, Mo, Ni, Pb, Sb, Se, Zn, Cl^-, F^-, SO_4^{2-}	2	around 125 g	1

PARTICULARITIES

Technical constraints linked to the supply of contaminated waste have forced us to modify the test design and the parameters provided (Cr^{+6} and Hg have been removed). If you have access to contaminated waste, please contact us at contact@association-aglae.fr.

LIMITED QUANTITY

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.

Register quickly.

Leaching of the provided waste to be carried out with a ratio L/S=10 (L/kg) and contact duration of 24h.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
conductivity, dry matter, dry residue at 105°C of the eluate, soluble fraction, pH, total organic carbon (TOC), unburned rate at 500°C As, Ba, Cd, Cr, Cu, Mo, Ni, Pb, Sb, Se, Zn, Cl^-, F^-, SO_4^{2-}	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 51A: CYANIDES AND PHENOL INDEX IN WASTE (LEACHING)

Wastes can be polluted soils, polluted sands, ashes, clinkers, residues from industrial activity, sludges from wastewater treatment plants.

This programme meets in particular the requirements of the German regulation dealing with waste intended for landfill or recycling ('LAGA/DepV': 'Länder-Arbeitsgemeinschaft Abfall / Deponieverordnung').

€ 623 excl. VAT - total amount for 1 test (excluding transport costs)

28 participants in 2024 - EXPERIENCE > 5 YEARS

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix									**25M51A.1 Waste**			

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Easily liberatable cyanide, total cyanide, dry matter	2	around 60 g	2
Phenol index, dry matter	2	around 70 g	2

PARTICULARITIES

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

The unit to report the results is expressed per liter of eluate.

Leaching of the waste to be carried out with a ratio L/S=10 (L/kg) and contact duration of 24h.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Easily liberatable cyanide, phenol index, total cyanide, dry matter	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 51C: PAHS IN BITUMINOUS WASTE

268 € excl. VAT – total amount for 1 test (excluding transport costs)

31 participants in 2024 – EXPERIENCE: 3 YEARS

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	7	**8**	9	10	11	12
Test								**25M51C.1**				
Matrix								**Bituminous waste**				

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Dry matter **PAHs:** acenaphtene, acenaphtylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3 - cd]pyrene, naphtalene, phenanthrene, pyrene Total hydrocarbons index C10-C21 Total hydrocarbons index C10-C40	2	around 20 g	1

PARTICULARITIES

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Bituminous waste sieved at 500 µm.

This programme is provided one year out of two due to technical constraints linked to the supply of contaminated bituminous. It will be provided again in 2027 unless we manage to get this matrix.

If you have access to contaminated bituminous waste, please contact us at contact@association-aglae.fr.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Dry matter	D_0+17
PAHs Total hydrocarbons index C10-C21, Total hydrocarbons index C10-C40	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 120: SOLID FUEL PRODUCTS

147 € excl. VAT – total amount for 1 test (excluding transport costs)

16 participants in 2022 – EXPERIENCE: 3 YEARS

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	**7**	8	9	10	**11**	12
Test Matrix							**25M120.1 Solid fuel**					

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
GCV at constant volume, NCV at constant volume, Moisture content	2	around 50 g	2

PARTICULARITIES

The number of participants for the proficiency tests in solid matrices is limited. Registrations are possible within the limits of available samples.
Register quickly.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
GCV at constant volume, NCV at constant volume, Moisture content	D_0+24

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

ORGANIC POLLUTANTS

PROGRAMME 4C: VOLATILE ORGANOHALOGENS AND BENZENE DERIVATIVES IN FRESH WATERS

The materials are suitable for the check of public drinking waters, spring waters and non-atypical natural mineral waters except for BTEX and VOHs provided in non-atypical mineral waters of programme 92.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 573 excl. VAT - total amount for 1 test (excluding transport costs)

59 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 290 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	10	**11**	12
Test			**25M4C.1**									
Matrix			**Clean water**									

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BTEX: 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene (= pseudocumene), 1,3,5-trimethylbenzene (= mesitylene), benzene, bromobenzene, ethylbenzene, isopropylbenzene, toluene, total xylenes, xylene ortho, xylene para + xylene meta	2	60 mL	1
VOHs: 1,1,1,2-tetrachloroethane, 1,2-dichloroethane, bromoform, bromochloromethane, chloroform, dibromochloromethane, dibromomethane, dichlorobromomethane, tetrachloroethylene, trichloroethylene, THMs*, vinyl chloride	2	60 mL	1
chlorobenzenes - light: 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, chlorobenzene, dichlorobenzenes (sum of the 3 isomers), **chlorotoluenes:** 2-chlorotoluene, 3-chlorotoluene, 4-chlorotoluene, chlorotoluenes (sum of the 3 isomers), **VOHs:** 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-dibromoethane, 1,2-dichloroethylene (cis+trans), 1,2-dichloroethylene cis, 1,2-dichloroethylene trans, 1,2-dichloropropane, 1,3-dichloropropane, 1,3-dichloropropene (cis+trans), 3-chloroprene (3-chloropropene), carbon tetrachloride, chloroprene, dichloromethane, hexachloroethane, methyl bromide (bromomethane), methyl ter-butyl ether (MTBE), sec-butylbenzene	2	100 mL	1

THM (= trihalomethanes)* ***in µg/L = sum of contents of chloroform* *(in µg of $CHCl_3$/L)* ***+ bromoform*** *(in µg of $CHBr_3$/L)* ***+ dichlorobromomethane*** *(in µg of $CHBrCl_2$/L)* ***+ dibromochloromethane*** *(in µg of $CHBr_2Cl$/L)*

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
nitro-aromatics: 1-chloro-2-nitrobenzene, 1-chloro-3-nitrobenzene, 1-chloro-4-nitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 2-nitrotoluene, nitrobenzene, **chlorobenzenes:** 1,2,4,5-tetrachlorobenzene, tetrachlorobenzenes (sum of the 3 isomers), 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, trichlorobenzenes (sum of the 3 isomers), hexachlorobenzene, pentachlorobenzene **Hexachlorobutadiene**	2	1000 mL	1

PARTICULARITIES

Other recommended proficiency tests:

↳ **Programme 4Cb** 'Volatile organohalogens and benzene derivatives in fresh waters at low concentration levels - **'Environmental approval'** to meet the requirements of French legislation (contact us for the concentration ranges).

↳ **Programme 92 '**BTEX and VOC in atypical and non-atypical natural mineral waters' – **'Health approval'**

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
nitro-aromatics	analyse upon receipt
chlorobenzenes	D_0+3
hexachlorobutadiene	D_0+3
BTEX VOHs chlorobenzenes - light chlorotoluenes	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 4Cb: VOLATILE ORGANOHALOGENS AND BENZENE DERIVATIVES IN FRESH WATERS AT LOW CONCENTRATION LEVELS

The materials are suitable for the check of public drinking waters, spring waters and non-atypical natural mineral waters except for BTEX and VOHs provided in non-atypical mineral waters of programme 92.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 343 excl. VAT - total amount for 1 test (excluding transport costs)

62 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 175 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	**11**	12
Test											**25M4Cb.1**	
Matrix											**Clean water**	

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BTEX: 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene (= pseudocumene), 1,3,5-trimethylbenzene (= mesitylene), benzene, bromobenzene, ethylbenzene, isopropylbenzene, toluene, total xylenes, xylene ortho, xylene para + xylene meta	2	60 mL	1
VOHs: 1,1,1,2-tetrachloroethane, 1,2-dichloroethane, bromoform, bromochloromethane, chloroform, dibromochloromethane, dibromomethane, dichlorobromomethane, tetrachloroethylene, trichloroethylene, THMs*, vinyl chloride	2	60 mL	1
chlorobenzenes - light: 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, chlorobenzene, dichlorobenzenes (sum of the 3 isomers), **chlorotoluenes:** 2-chlorotoluene, 3-chlorotoluene, 4-chlorotoluene, chlorotoluenes (sum of the 3 isomers), **VOHs:** 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-dibromoethane, 1,2-dichloroethylene (cis+trans), 1,2-dichloroethylene cis, 1,2-dichloroethylene trans, 1,2-dichloropropane, 1,3-dichloropropane, 1,3-dichloropropene (cis+trans), 3-chloroprene (3-chloropropene), carbon tetrachloride, chloroprene, dichloromethane, hexachloroethane, methyl bromide (bromomethane), methyl ter-butyl ether (MTBE), sec-butylbenzene	2	100 mL	1

** **THMs (= trihalomethanes) in µg/L = sum of contents of chloroform** (in µg of $CHCl_3$/L) **+ bromoform** (in µg of $CHBr_3$/L) **+ dichlorobromomethane** (in µg of $CHBrCl_2$/L) **+ dibromochloromethane** (in µg of $CHBr_2Cl$/L)*

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
nitro-aromatics: 1-chloro-2-nitrobenzene, 1-chloro-3-nitrobenzene, 1-chloro-4-nitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 2-nitrotoluene, nitrobenzene, **chlorobenzenes:** 1,2,4,5-tetrachlorobenzene, tetrachlorobenzenes (sum of the 3 isomers), 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, trichlorobenzenes (sum of the 3 isomers), hexachlorobenzene, pentachlorobenzene **Hexachlorobutadiene**	2	1000 mL	1

PARTICULARITIES

'Environment approval': this is an additional proficiency test identical to the tests of programme 4C but at low concentration levels to meet the requirements of French legislation (contact us for the concentration ranges).

Other recommended proficiency test:

↳ **Programme 92 '**BTEX and VOC in atypical and non-atypical natural mineral waters – **'Health approval'**

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
nitro-aromatics	analyse upon receipt
chlorobenzenes	D_0+3
hexachlorobutadiene	D_0+3
BTEX VOHs chlorobenzenes - light chlorotoluenes	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 20A: CHLOROPHENOLS IN FRESH WATERS

€ 294 excl. VAT - total amount for 2 tests (excluding transport costs)

29 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 75 excl. VAT** (excluding transport costs)

New to catalogue: 2,4-dichlorophenol + 2,5-dichlorophenol

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M20A.1					25M20A.2						
Matrix	Natural water					Natural water						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
2-chlorophenol, 3-chlorophenol, 4-chlorophenol, chlorophenols (sum of the 3 isomers), 2,3-dichlorophenol, 2,4-dichlorophenol, 2,4-dichlorophenol + 2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, dichlorophenols (sum of the 6 isomers), 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, trichlorophenols (sum of the 6 isomers), pentachlorophenol, 4-chloro-3-methylphenol	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Chlorophenols	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 21A: ALKYLPHENOLS IN FRESH WATERS

€ 193 excl. VAT -total amount for 2 tests (excluding transport costs)

26 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M21A.1					25M21A.2						
Matrix	Natural water					Natural water						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
2-methylphenol [CAS 95-48-7], 4-methylphenol [CAS 106-44-5], 4-n-nonylphenol [CAS 104-40-5], 4-nonylphenols [CAS 84852-15-3], 4-tert-butylphenol [CAS 98-54-4], 4-tert-octylphenol [CAS 140-66-9], NP1EO - 4-nonylphenol monoethoxylate	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Alkylphenols	analyse upon receipt

PROGRAMME 22A: CHLOROANILINES IN FRESH WATERS

€ 162 excl. VAT - total amount for 2 tests (excluding transport costs)

16 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 45 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M22A.1					25M22A.2						
Matrix	Natural water					Natural water						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
2-chloroaniline, 3-chloroaniline, 4-chloroaniline, Chloroanilines (sum of the 3 isomers), 3,4-dichloroaniline, 4-chloro-2-nitroaniline	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Chloroanilines	analyse upon receipt

PROGRAMME 23A: ORGANOTIN COMPOUNDS IN FRESH WATERS

€ 206 excl. VAT - total amount for 2 tests (excluding transport costs)

20 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	**7**	8	9	10	11	12
Test		**25M23A.1**					**25M23A.2**					
Matrix		**Natural water**					**Natural water**					

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
monobutyltin cation, dibutyltin cation, dioctyltin cation, tributyltin cation, triphenyltin cation, tetrabutyltin	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Organotin compounds	analyse upon receipt

PROGRAMME 24A: BROMINATED DIPHENYL ETHERS IN FRESH WATERS

€ 254 excl. VAT - total amount for 2 tests (excluding transport costs)

18 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M24A.1**								**25M24A.2**		
Matrix		**Natural water**								**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BDE-28, BDE-47, BDE-99, BDE-100, BDE-153, BDE-154, BDE-183, BDE-209	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Brominated diphenyl ethers	analyse upon receipt

PROGRAMME 24C: HBCDD IN FRESH WATERS AND HBCDD, HBB IN WASTE WATERS

€ 372 excl. VAT - total amount for 2 tests (excluding transport costs)

15 participants in 2024 – EXPERIENCE > 5 YEARS

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test				**25M24C.1**						**25M24C.2**		
Matrix				**Natural water**						**Waste water**		

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
25M24C.1			
alpha-HBCDD (alpha-hexabromocyclododecane) beta-HBCDD (beta-hexabromocyclododecane) gamma-HBCDD (gamma-hexabromocyclododecane) total HBCDD (total hexabromocyclododecane)	2	1000 mL	1
25M24C.2			
total HBCDD (total hexabromocyclododecane) HBB (hexabromobiphenyl) [1]	2	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water or waste water.
The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
alpha-HBCDD, beta-HBCDD, gamma-HBCDD, total HBCDD, HBB	analyse upon receipt

PROGRAMME 25A: BIPHENYL IN FRESH WATERS

€ 219 excl. VAT - total amount for 2 tests (excluding transport costs)

13 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M25A.1**								**25M25A.2**		
Matrix		**Natural water**								**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
biphenyl	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

biphenyl	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 26A: PHTHALATES IN FRESH WATERS

€ 236 excl. VAT - total amount for 2 tests (excluding transport costs)

30 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 60 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M26A.1**								**25M26A.2**		
Matrix		**Natural water**								**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BBzP (Butyl benzyl phthalate), DBP (Dibutylphthalate), DEHP (Di(2-ethylhexyl)phthalate), DEP (Diethylphthalate), DMP (Dimethylphthalate), DiBP (Diisobutylphthalate)	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Phthalates	analyse upon receipt

PROGRAMME 27A: C10-C13 CHLOROALKANES (SCCPS) IN FRESH WATERS

€ 226 excl. VAT- - total amount for 2 tests (excluding transport costs)

10 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 60 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test Matrix			**25M27A.1** **Natural water**						**25M27A.2** **Natural water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
C10-C13 chloroalkanes	2	1000 mL	1

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
C10-C13 chloroalkanes	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 28A: HALOACETIC ACIDS IN FRESH WATERS

The materials are suitable for the check of analyses in public distribution waters, spring waters and non-atypical natural mineral water.

€ 253 excl. VAT -total amount for 2 tests (excluding transport costs)

36 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test				**25M28A.1**						**25M28A.2**		
Matrix				**Clean water**						**Clean water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
bromoacetic acid, bromochloroacetic acid, bromodichloroacetic acid, chloroacetic acid, dibromoacetic acid, dibromochloroacetic acid, dichloroacetic acid, tribromoacetic acid, trichloroacetic acid, sum of the 5 haloacetic acids: chloroacetic acid + dichloroacetic acid + trichloroacetic acid + bromoacetic acid + dibromoacetic acid	2	250 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of clean water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

haloacetic acids	analyse upon receipt

PROGRAMME 29A: EPICHLOROHYDRIN IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 193 excl. VAT - total amount for 2 tests (excluding transport costs)

24 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	10	11	**12**
Test				**25M29A.1**								**25M29A.2**
Matrix				**Clean water**								**Natural water**

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
epichlorohydrin	2	100 mL	1

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
epichlorohydrin	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 52: AOX IN WATERS

€ 344 excl. VAT - total amount for 4 tests (excluding transport costs)

39 participants in 2024 - EXPERIENCE > 20 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 45 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M52.1					25M52.2			25M52.3		25M52.4	
Matrix	Clean water					Waste water			Clean water		Waste water	

Parameters to analyse for each clean water shipment	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
AOX	500 mL	2	2

Parameters to analyse for each waste water shipment	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
AOX, SPE-AOX	500 mL	2	2

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

AOX, SPE-AOX	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 54: TOXINS OF CYANOBACTERIA IN FRESH WATERS

€ 1719 excl. VAT - total amount for 2 tests (excluding transport costs)

20 participants in 2024 - EXPERIENCE > 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 430 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	**8**	9	10	11	12
Test			**25M54.1**					**25M54.2**				
Matrix			**Natural water**					**Natural water**				

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
microcystin-LR, microcystin-RR, microcystin-YR microcystins by ELISA test	2	1000 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
microcystin-LR, microcystin-RR, microcystin-YR microcystins by ELISA test	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 55: GLYPHOSATE, AMPA AND OTHER HERBICIDES IN FRESH WATERS

The materials are suitable for the check of analyses in clear freshwaters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 461 excl. VAT - total amount for 2 tests (excluding transport costs)

28 participants in 2024 - EXPERIENCE > 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 120 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	**8**	9	10	11	12
Test Matrix		**25M55.1** **Clean water**						**25M55.2** **Clean water**				

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
AMPA, aminotriazole, glufosinate, glyphosate	2	1000 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
AMPA, aminotriazole, glufosinate, glyphosate	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 57: PHARMACEUTICALS IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 848 excl. VAT -total amount for 2 tests (excluding transport costs)

32 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 215 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	**8**	9	10	11	12
Test		**25M57.1**						**25M57.2**				
Matrix		**Clean water**						**Natural water**				

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
1-hydroxy ibuprofen[1], 17-beta-estradiol, 2-hydroxy ibuprofen[1], acetazolamide[1], caffeine, cyclophosphamide, erythromycin, estrone, ethynylestradiol, fenofibric acid, ibuprofen, lorazepam, metformin, metoprolol, metronidazole, oxazepam, paracetamol, sotalol, sulfamethazine, sulfamethoxazole	2	1000 mL	2
1,7-dimethylxanthine[1], acetylsalicylic acid[1], atenolol, carbamazepine, carbamazepine epoxide, carboxyibuprofen[1], ciprofloxacin, cotinine, diazepam, diclofenac, ketoprofen, niflumic acid, norethindrone, ofloxacin, tramadol, triclocarban	2	1000 mL	2

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

You will receive two concentrated solutions in addition to the bottles of water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Pharmaceuticals	analyse upon receipt

PROGRAMME 58: BISPHENOL A AND S IN FRESH WATERS

The materials are suitable for the check of analyses in public distribution waters, spring waters and non-atypical natural mineral water.

€ 213 excl. VAT - total amount for 2 tests (excluding transport costs)

26 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - Refrigerated parcel

Month	1	2	3	**4**	5	6	7	**8**	9	10	11	12
Test				**25M58.1**				**25M58.2**				
Matrix				**Clean water**				**Clean water**				

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
bisphenol A, bisphenol S	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of clean water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

bisphenol A, bisphenol S	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 59: PERFLUORINATED COMPOUNDS IN FRESH WATERS

€ 499 excl. VAT - total amount for 2 tests (excluding transport costs)

51 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 125 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test			**25M59.1**						**25M59.2**			
Matrix			**Clean water**						**Natural water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
PFBA [CAS 375-22-4], PFBS [CAS 375-73-5], PFDA [CAS 335-76-2], PFDS [CAS 335-77-3], PFDoDA [CAS 307-55-1] (=PFDoA), PFDoDS [CAS 79780-39-5], PFHpA [CAS 375-85-9], PFHpS [CAS 375-92-8], PFHxA [CAS 307-24-4], PFHxS - linear isomer [CAS 355-46-4] (=PFHS), PFNA [CAS 375-95-1], PFNS [CAS 68259-12-1], PFOA [CAS 335-67-1], PFOS - linear isomer [CAS 1763-23-1], PFPeA [CAS 2706-90-3], PFPeS [CAS 2706-91-4], PFTrDA [CAS 72629-94-8], PFTrDS, [CAS 791563-89-8], PFUnDA [CAS 2058-94-8], PFUnDS [CAS 749786-16-1] Sum of the 20 perfluorinated compounds	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Perfluorinated compounds	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 64: PAHS AND PCBS IN FRESH WATERS

The materials are suitable for the control of public drinking waters, spring waters and non-atypical natural mineral waters.

€ 863 excl. VAT - total amount for 2 tests (excluding transport costs)

47 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 220 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	**25M64.1**					**25M64.2**						
Matrix	**Clean water**					**Clean water**						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
PAHs: 2-methylfluoranthene, 2-methylnaphtalene, acenaphtene, acenaphtylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3 - cd]pyrene, naphtalene, phenanthrene, pyrene	2	1000 mL	1
PCBs: PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 194	2	1000 mL	1

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

PAHs, PCBs	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 65A: PESTICIDES AND DEGRADATION RESIDUES - LIST 1 - IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 529 excl. VAT - total amount for 2 tests (excluding transport costs)

51 participants in 2024 - EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 135 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test			**25M65A.1**							**25M65A.2**		
Matrix			**Clean water**							**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter*
Pesticides and degradation residues - list 1: 2,4'-DDD , 2,4'-DDE, 2,4'-DDT, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aclonifen, alachlor, aldrin, alpha-endosulfan, alpha-HCH, anthraquinone, beta-endosulfan, beta-HCH, bifenox, chlordane (total), chlordecone, chlorfenvinphos, chlormephos, chlorpropham, chlorpyriphos-ethyl, chlorpyrifos-methyl, cis-chlordane (CAS 5103-71-9), cypermethrin, delta-HCH, deltamethrin, demeton-O[1], diazinon, dichlorvos, diclofop methyl, dieldrin, endosulfan (total), endrin, epsilon HCH, ethion, ethofumesate, ethoprophos, fenitrothion, fenvalerate, flurochloridone, HCH total (sum of isomers alpha+beta+gamma+delta), heptachlorepoxyde (total), heptachlorepoxyde endo trans, heptachlorepoxyde exo cis, heptachlor, ioxynil octanoate, iprodione, isodrin, lambda-cyhalothrin, lindane (gamma-HCH), malathion, oxadiazon, parathion-ethyl, parathion-methyl, pendimethalin, piperonyl butoxyde, procymidone, pyrimiphos-methyl, quinoxyfen, trans-chlordane (CAS 5103-74-2), tributyl phosphate, trifluralin	4	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

Particularity of the test design:
*You will have 2L of sample (2 bottles of 1L) to carry out one measurement of all the parameters.
You will receive a concentrated solution in addition to the bottles of water. **The analyses have to be carried out with the reconstituted samples.**

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
diclofop methyl	D_0+1
Pesticides and degradation residues - list 1, except diclofop methyl	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 65B: PESTICIDES AND DEGRADATION RESIDUES - LIST 2 - IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 561 excl. VAT - total amount for 2 tests (excluding transport costs)

53 participants in 2024 - EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 145 excl. VAT** (excluding transport costs)

2 SHIPMENTS / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test			**25M65B.1**							**25M65B.2**		
Matrix			**Clean water**							**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter*
Pesticides and degradation residues - list 2: 2,4-D, MCPA, 2,6-dichlorobenzamide, 2-hydroxyatrazine, acetochlor, ametryn, atrazine, azoxystrobin, bentazon, boscalid, bromacil, carbendazim, carbofuran, chloridazone, chlortoluron, clomazone, cyanazine, cyproconazole, cyprodinil, deisopropylatrazine, desethylatrazine, desethylterbuthylazine, dichlorprop, difenoconazole, diflufenicanil, dimethachlor, dimethenamid, dimethomorph, diuron, epoxiconazole, fenpropidin, flusilazole, hexaconazole, hexazinone, imidaclopride, isoproturon, isoproturon-didemethyl (= IPPU), kresoxim-methyl, lenacile, linuron, mecoprop (= MCPP), metamitron, metazachlor, methabenzthiazuron, methomyl, metobromuron, metolachlor, metoxuron, metribuzin, monuron, napropamide, oxadixyl, prometryn, propachlor, propazine, propiconazole, propyzamide, pyrimethanil, simazine, tebuconazole, terbumeton, terbuthylazine, terbutryn, tetraconazole, tolyltriazole	4	1000 mL	1

PARTICULARITIES

*** Particularity of the test design:** You will have 2L of sample (2 bottles of 1L) to carry out one measurement of all the parameters.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Pesticides and degradation residues - list 2	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 65C: PESTICIDES AND DEGRADATION RESIDUES - LIST 3 - IN FRESH WATERS

The materials are suitable for the check of the analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 472 excl. VAT - total amount for 2 tests (excluding transport costs)

45 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 120 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	10	**11**	12
Test				**25M65C.1**							**25M65C.2**	
Matrix				**Clean water**							**Natural water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter*
Pesticides and degradation residues - list 3: 1-(3,4-dichlorophenyl)-3-methylurea(= demethyl diuron), asulame, atrazine 2-hydroxy-desethyl, atrazine deisopropyl desethyl, benfluralin, benzotriazole, bromoxynil, cybutryn, cymoxanil, dicamba, dichlormid, dimethoate, dinoterbe, ethidimuron, fenarimol, fenoxycarb, fipronil, flonicamid, florasulam, fludioxonil, flufenacet (=thiafluamide), fluroxypyr, flurtamone, foramsulfuron, fosthiazate, hydroxyterbuthylazine, imazalil, imazamox, iodosulfuron-methyl, ioxynil, isoxaflutole, mercaptodimethur (= methiocarb), mesosulfuron-methyl, mesotrione, metaldehyde, metconazole, metsulfuron methyl, nicosulfuron, omethoate, oryzalin, picloram, pirimicarb, prochloraz, propamocarb, propham, prosulfocarb, prosulfuron, quinmerac, rimsulfuron, spiroxamine, sulcotrione, sulfosulfuron, tebutame, terbumeton desethyl, thiabendazole, thiamethoxam, thifensulfuron methyl, triadimenol, triclopyr, triclosan, trinexapac-ethyl	4	1000 mL	1

PARTICULARITIES

*** Particularity of the test design:** You will have 2L of sample (2 bottles of 1L) to carry out one analysis of all the parameters.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

fenoxycarb	D_0+1
Pesticides and degradation residues - list 3, except fenoxycarb	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 65D: PESTICIDES AND DEGRADATION RESIDUES - LIST 4 - IN FRESH WATERS

The materials are suitable for the control of public drinking waters, spring waters and non-atypical natural mineral waters.

€ 269 excl. VAT - total amount for 2 tests (excluding transport costs)

22 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 70 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	10	11	**12**
Test				**25M65D.1**								**25M65D.2**
Matrix				**Clean water**								**Clean water**

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
beflubutamid, benoxacor, bixafen, cadusafos, clethodim, daminozide, dichlobenil, fipronil sulfone, galaxolide, maleic hydrazide, N-butylbenzenesulfonamide (NBBS), N,N-dimethyl-N'-P-tolylsulphamide (DMST), triflusulfuron-methyl	2	1000 mL	1
chlormequat, diquat, fosetyl aluminium, mepiquat, paraquat	2	250 mL	1

PARTICULARITIES

Some molecules are analysed by few laboratories. If the number of results is lower than 8, the assigned value will be the spiking value and the standard deviation for proficiency assessment will be determined from reproducibility values observed during previous tests.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Pesticides and degradation residues – list 4	analyse upon receipt

PROGRAMME 65E: PARABENS IN FRESH WATERS

The materials are suitable for the check of analyses in freshwaters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 219 excl. VAT - total amount for 2 tests (excluding transport costs)

10 participants in 2024 – EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M65E.1**								**25M65E.2**		
Matrix		**Clean water**								**Natural water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
ethylparaben, methylparaben, propylparaben	2	1000 mL	2

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
ethylparaben, methylparaben, propylparaben	analyse upon receipt

PROGRAMME 65F: PESTICIDES AND DEGRADATION RESIDUES - LIST 5 - IN FRESH WATERS

The materials are suitable for the control of fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 475 excl. VAT - total amount for 1 test (excluding transport costs)

43 participants in 2024 - EXPERIENCE: 3 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 240 excl. VAT** (excluding transport costs)

Please note: the parameters provided in 2024 within the 24M65F.2 test are now provided in the 65H programme.

1 SHIPMENT AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M65F.1											
Matrix	Clean water											

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter
2,4,5-T, 2,4-DB, 2,4-MCPB (MCPB), 3-hydroxy-carbofuran, acetamiprid, aldicarb, amidosulfuron, benalaxyl, bromuconazole, bupirimate, carbaryl, carbetamide, carboxine, carfentrazone-ethyl, chlorantraniliprole, chlorbromuron, chloridazone desphenyl, chloridazone methyl desphenyl, chlorothalonil (daconil or tetrachloroisophtalonitrile), chlorothalonil SA (chlorothalonil-M-R417888), chlorothalonil-4-hydroxy (chlorothalonil-M-R182281), chlorothalonil-M-R471811, chloroxuron, clothianidin, cycloxydim[1], desmethylisoproturon (1-(4-isopropylphenyl)-3-methylurea or IPU-1CH3), desmetryn, didemethyldiuron (3,4-DCPU or DCPU or 3,4-dichlorophenylurea), diflubenzuron (difluron), dimefuron, dinoseb (DNBP), fenbuconazole, fenpropimorph, fenuron (PDU), flazasulfuron (shibagen), fluazifop[1], fluazifop-P-butyl[1], fluoxastrobine, fluquinconazole, flutriafol, iprovalicarb, isoxaben, metalaxyl, monolinuron, myclobutanil, norflurazon, paclobutrazole, penconazole, pencycuron, picoxystrobine, pinoxaden, propanil (3,4-DCPA or DCPA), propoxur, pyraclostrobine, pyroxsulame, quintozene[1] (terrachlor or pentachloronitrobenzene PCNB), sebuthylazine, simazine-hydroxy, tebufenozide, thiacloprid, triallate, triasulfuron, tribenuron-methyl (tribenuron), trifloxystrobine, tritosulfuron (biathlon), vinclozolin[1], zoxamide (zoxium)	4*	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

*** Particularity of the test design :**
You have 2L of sample (2 bottles of 1L) to carry out one measurement of all the parameters.

You will receive a concentrated solution in addition to the bottles of water. **The analyses have to be carried out with the reconstituted samples.**

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Fluazifop, fluazifop-P-butyl	D_0+1
Pesticides and degradation residues - list 5, except, fluazifop, fluazifop-P-butyl	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 65G: PESTICIDES AND DEGRADATION RESIDUES - LIST 6 - IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 150 excl. VAT - total amount for 1 test (excluding transport costs)

28 participants in 2024 - EXPERIENCE: 3 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 75 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	**5**	6	7	8	9	10	**11**	12
Test					**25M65G.1**							
Matrix					**Clean water**							

Parameters to analyse	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
Azinphos-ethyl, azinphos-methyl, bifenthrine, bromophos-ethyl, bromophos-methyl, cyfluthrine, dicofol[1] (kelthane), endosulfan sulfate, ethephon[1], fenpropathrine, fenthion, fonofos, isofenphos, methidathion, methoxychlor (DMDT or methoxy-DDT), mevinphos (phosdrin or duraphos), oxychlordane, oxyfluorfen, permethrin[1], pethoxamid, phosalone[1] (benzphos or zolone), pyrimiphos-ethyl, sulfotep[1], terbuphos[1], triazophos, vamidothion	1000 mL	2	1

[1] parameter not covered by accreditation (see general conditions of registration)

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

terbuphos	D_0+1
azinphos-ethyl, azinphos-methyl, bifenthrine, bromophos-ethyl, bromophos-methyl, cyfluthrine, dicofol, endosulfan sulfate, ethephon, fenpropathrine, fenthion, fonofos, isofenphos, méthidathion, methoxychlor, mevinphos, oxychlordane, oxyfluorfen, pethoxamid, permethrin, phosalone, pyrimiphos-ethyl, sulfotep, triazophos, vamidothion	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 65H: PESTICIDES AND DEGRADATION RESIDUES - LIST 7 - IN FRESH WATERS

The materials are suitable for the control of fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 320 excl. VAT - total amount for 1 test (excluding transport costs)

New to catalogue

41 participants in 2024 - EXPERIENCE: 3 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 160 excl. VAT** (excluding transport costs)

The parameters of this test are those which were provided in 2024 within the 24M65F.2 test.

1 SHIPMENT AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	**7**	8	9	10	11	12
Test Matrix							**25M65H.1** Clean water					

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter
acifluorfen, aldicarb-sulfone, aldicarb-sulfoxide, atrazine deisopropyl 2-hydroxy, buturon, clodinafop-propargyl[1], clopyralid, cloquintocet-mexyl[1], desmethyl-norflurazon, diethofencarb, fluxapyroxad, imazametabenz, imazamethabenz-methyl, mepanipyrim (mepanipyr), methoxyfenozide[1], metrafenone, molinate, neburon, N,N-Dimethylsulfamide (DMS), oxamyl, prometon, secbumeton, simetryn[1], spirotetramat, tebuthiuron, terbuthylazine desethyl-2-hydroxy, triadimefon, triflumuron, triticonazole	2	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

clodinafop-propargyl, cloquintocet-mexyl	D_0+1
Pesticides and degradation residues – list 7, except clodinafop-propargyl, cloquintocet-mexyl	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 67: ACRYLAMIDE IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

196 € excl. VAT - total amount for 2 tests (excluding transport costs)

23 participants in 2024 – EXPERIENCE: 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **50 € excl. VAT** (excluding transport costs)

2 SHIPMENTS / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	**9**	10	11	12
Test				**25M67.1**					**25M67.2**			
Matrix				**Clean water**					**Natural water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
acrylamide	2	1000 mL	2

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

acrylamide	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 69: METABOLITES OF CHLOROACETAMIDES IN FRESH WATERS

The materials are suitable for the check of fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 402 excl. VAT - total amount for 2 tests (excluding transport costs)

28 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 105 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	10	11	**12**
Test				**25M69.1**								**25M69.2**
Matrix				**Clean water**								**Natural water**

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Acetochlor ESA, Acetochlor OXA, Alachlor ESA, Alachlor OXA, Dimethachlor CGA 369873, Dimethachlor ESA (Dimethachlor CGA 354742), Dimethachlor OXA, Dimethenamid ESA , Dimethenamid OXA, Flufenacet ESA , Flufenacet OXA, Metazachlor ESA, Metazachlor OXA, Metolachlor ESA, Metolachlor NOA 413173, Metolachlor OXA, Propachlor ESA, Propachlor OXA[1]	2	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Metabolites of chloroacetamides	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 92: BTEX AND VOC IN ATYPICAL AND NON-ATYPICAL NATURAL MINERAL WATERS

Non-atypical mineral waters: still mineral water with dry residue content at 180°C < 1500 mg/L
Atypical mineral waters: still mineral waters with dry residue content at 180°C > 1500 mg/L or carbogaseous water with CO_2 > 250 mg/L

€ 553 excl. VAT - total amount for 2 tests (excluding transport costs)

17 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 140 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	**5**	6	7	8	9	10	**11**	12
Test					**25M92.1**						**25M92.2**	
Matrix					**Non-atypical mineral water and Carbogaseous water**						**Non-atypical mineral water and Highly mineralised mineral water**	

Parameters to analyse for each shipment in two types of water	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BTEX: benzene, toluene, total xylenes, xylene ortho, xylene para + xylene meta, ethylbenzene	2	60 mL	1
VOC: 1,2-dichloroethane, bromoform, chloroform, dibromochloromethane, dichlorobromomethane, tetrachloroethylene, trichloroethylene, trihalomethanes (THMs)*, vinyl chloride	2	60 mL	1

***THM (= trihalomethanes) in µg/L = sum of contents of chloroform** (in µg of $CHCl_3$/L) **+ bromoform** (in µg of $CHBr_3$/L) **+ dichlorobromomethane** (in µg of $CHBrCl_2$/L) **+ dibromochloromethane** (in µg of $CHBr_2Cl$/L)*

PARTICULARITIES

The first proficiency test will concern non-atypical mineral waters and carbogaseous waters.
The second proficiency test will concern non-atypical mineral waters and highly mineralised waters.

'Health approval': this specific programme provides **concentration levels appropriate for atypical and non-atypical mineral waters**.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

BTEX VOC	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 66: THMS IN SWIMMING POOL WATERS

€ 177 excl. VAT - total amount for 2 tests (excluding transport costs)

50 participants in 2024 – EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 45 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	**5**	6	7	8	9	**10**	11	12
Test					**25M66.1**					**25M66.2**		
Matrix					**Swimming pool water**					**Swimming pool water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
bromoform, chloroform, dibromochloromethane, dichlorobromomethane, trihalomethanes (THMs)*	2	100 mL	1

THMs (= trihalomethanes)* ***in µg/L = sum of contents of chloroform* *(in µg of $CHCl_3$/L)* ***+ bromoform*** *(in µg of $CHBr_3$/L)* ***+ dichlorobromomethane*** *(in µg of $CHBrCl_2$/L)* ***+ dibromochloromethane*** *(in µg of $CHBr_2Cl$/L)*

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
bromoform, chloroform, dibromochloromethane, dichlorobromomethane, trihalomethanes (THMs)	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 4E: VOLATILE ORGANOHALOGENS AND BENZENE DERIVATIVES IN WASTE WATERS

€ 582 excl. VAT - total amount for 1 test (excluding transport costs)

35 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 295 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M4E.1											
Matrix	Waste water											

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BTEX: benzene, ethylbenzene, isopropylbenzene, toluene, xylene ortho, xylene para + xylene meta, total xylenes	2	60 mL	1
VOHs: 1,2-dichloroethane, bromoform, chloroform, dibromochloromethane, dichlorobromomethane, tetrachloroethylene, trichloroethylene, vinyl chloride	2	60 mL	1
chlorobenzenes - light: 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, chlorobenzene, dichlorobenzenes (sum of the 3 isomers) **chlorotoluenes:** 2-chlorotoluene, 3-chlorotoluene, 4-chlorotoluene, chlorotoluenes (sum of the 3 isomers), **VOHs:** 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-dichloroethylene (cis+trans), 1,2-dichloroethylene cis, 1,2-dichloroethylene trans, 3-chloroprene (3-chloropropene), carbon tetrachloride, chloroprene, dichloromethane, hexachloroethane	2	100 mL	1
nitro-aromatics: 1-chloro-2-nitrobenzene, 1-chloro-3-nitrobenzene, 1-chloro-4-nitrobenzene, 2-nitrotoluene, nitrobenzene **chlorobenzenes:** 1,2,4,5-tetrachlorobenzene, tetrachlorobenzenes (sum of the 3 isomers), 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, trichlorobenzenes (sum of the 3 isomers), hexachlorobenzene, pentachlorobenzene **hexachlorobutadiene**	2	1000 mL	1

PARTICULARITIES

For the group of parameters: hexachlorabutadiene, chlorobenzenes and nitro-aromatics, you will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Other recommended proficiency tests:

↳ **Programme 4Eb** 'Volatile organohalogens and benzene derivatives in waste waters at low concentration levels - **'Environmental approval'** (contact us for the concentration ranges).

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
nitro-aromatics	analyse upon receipt
chlorobenzenes	D_0+3
hexachlorobutadiene	D_0+3
BTEX VOHs chlorobenzenes - light chlorotoluenes	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 4Eb: VOLATILE ORGANOHALOGENS AND BENZENE DERIVATIVES IN WASTE WATERS AT LOW CONCENTRATION LEVELS

€ 327 excl. VAT - total amount for 1 test (excluding transport costs)

37 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 165 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test									25M4Eb.1			
Matrix									Waste water			

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BTEX: benzene, ethylbenzene, isopropylbenzene, toluene, xylene ortho, xylene para + xylene meta, total xylenes	2	60 mL	1
VOHs: 1,2-dichloroethane, bromoform, chloroform, dibromochloromethane, dichlorobromomethane, tetrachloroethylene, trichloroethylene, vinyl chloride	2	60 mL	1
chlorobenzenes - light: 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, chlorobenzene, dichlorobenzenes (sum of the 3 isomers) **chlorotoluenes:** 2-chlorotoluene, 3-chlorotoluene, 4-chlorotoluene, chlorotoluenes (sum of the 3 isomers) **VOHs:** 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-dichloroethylene (cis+trans), 1,2-dichloroethylene cis, 1,2-dichloroethylene trans, 3-chloroprene (3-chloropropene), carbon tetrachloride, chloroprene, dichloromethane, hexachloroethane	2	100 mL	1
nitro-aromatics: 1-chloro-2-nitrobenzene, 1-chloro-3-nitrobenzene, 1-chloro-4-nitrobenzene, 2-nitrotoluene, nitrobenzene **chlorobenzenes:** 1,2,4,5-tetrachlorobenzene, tetrachlorobenzenes (sum of the 3 isomers), 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, trichlorobenzenes (sum of the 3 isomers), hexachlorobenzene, pentachlorobenzene **hexachlorobutadiene**	2	1000 mL	1

PARTICULARITIES

For the group of parameters: hexachlorobutadiene, chlorobenzenes and nitro-aromatics, you will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

'Environment approval': this is an additional proficiency test identical to the tests of programme 4E but at low concentration levels to meet the requirements of French legislation (contact us for the concentration ranges).

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
nitro-aromatics	analyse upon receipt
chlorobenzenes	D_0+3
hexachlorobutadiene	D_0+3
BTEX VOHs chlorobenzenes - light chlorotoluenes	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 4F: METHANOL IN WASTE WATERS

€ 99 excl. VAT - total amount for 1 test (excluding transport costs)

5 participants in 2024 – EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix									**25M4F.1** Waste water			

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
methanol	2	60 mL	1

PARTICULARITIES

It is possible that the number of results reported is not sufficient for statistical processing of the data.
In this case, comments on the participants' performance will be included in the report.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

methanol	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 20B: CHLOROPHENOLS IN WASTE WATERS

€ 195 excl. VAT - total amount for 2 tests (excluding transport costs)

20 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M20B.1					25M20B.2						
Matrix	Waste water					Waste water						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
2-chlorophenol, 3-chlorophenol, 4-chlorophenol, chlorophenols (sum of the 3 isomers), 2,4-dichlorophenol, dichlorophenols (sum of the 6 isomers), 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, trichlorophenols (sum of the 6 isomers), pentachlorophenol, 4-chloro-3-methylphenol	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Chlorophenols	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 21B: ALKYLPHENOLS IN WASTE WATERS

€ 191 excl. VAT - total amount for 2 tests (excluding transport costs)

14 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	**25M21B.1**					**25M21B.2**						
Matrix	**Waste water**					**Waste water**						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
4-n-nonylphenol [CAS 104-40-5], 4-nonylphenols [CAS 84852-15-3], 4-tert-octylphenol [CAS 140-66-9], nonylphenols (mix of linear or branched), p-(n-octyl)phenol [CAS 1806-26-4], p-octylphenols (mix of isomers)[1]	2	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Alkylphenols	analyse upon receipt

PROGRAMME 22B: CHLOROANILINES IN WASTE WATERS

€ 162 excl. VAT - total amount for 2 tests (excluding transport costs)

8 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 45 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	**25M22B.1**					**25M22B.2**						
Matrix	**Waste water**					**Waste water**						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
2-chloroaniline, 3-chloroaniline, 4-chloroaniline, Chloroanilines (sum of the 3 isomers), 3,4-dichloroaniline, 4-chloro-2-nitroaniline	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

For some parameters, it is possible that the number of results reported is not sufficient for statistical processing of the data. In this case, comments on the participants' performance will be included in the report.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Chloroanilines	analyse upon receipt

PROGRAMME 23B: ORGANOTIN COMPOUNDS IN WASTE WATERS

€ 193 excl. VAT - total amount for 2 tests (excluding transport costs)

19 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	**7**	8	9	10	11	12
Test		**25M23B.1**					**25M23B.2**					
Matrix		**Waste water**					**Waste water**					

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
monobutyltin cation, dibutyltin cation, tributyltin cation, triphenyltin cation, tetrabutyltin	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Organotin compounds	analyse upon receipt

PROGRAMME 24B: BROMINATED DIPHENYL ETHERS IN WASTE WATERS

€ 254 excl. VAT - total amount for 2 tests (excluding transport costs)

10 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M24B.1**								**25M24B.2**		
Matrix		**Waste water**								**Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
BDE-28, BDE-47, BDE-99, BDE-100, BDE-153, BDE-154, BDE-183, BDE-209	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Brominated diphenyl ethers	analyse upon receipt

PROGRAMME 24C: HBCDD IN FRESH WATERS AND HBCDD, HBB IN WASTE WATERS

€ 372 excl. VAT - total amount for 2 tests (excluding transport costs)

15 participants in 2024 – EXPERIENCE > 5 YEARS

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test				**25M24C.1**						**25M24C.2**		
Matrix				**Natural water**						**Waste water**		

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
25M24C.1			
alpha-HBCDD (alpha-hexabromocyclododecane) beta-HBCDD (beta-hexabromocyclododecane) gamma-HBCDD (gamma-hexabromocyclododecane) total HBCDD (total hexabromocyclododecane)	2	1000 mL	1
25M24C.2			
total HBCDD (total hexabromocyclododecane) HBB (hexabromobiphenyl) [1]	2	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of natural water or waste water.
The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
alpha-HBCDD, beta-HBCDD, gamma-HBCDD, total HBCDD, HBB	analyse upon receipt

PROGRAMME 25B: BIPHENYL IN WASTE WATERS

€ 219 excl. VAT - total amount for 2 tests (excluding transport costs)

12 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M25B.1**								**25M25B.2**		
Matrix		**Waste water**								**Waste water**		

Parameters to analyse for each shipment	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
biphenyl	1000 mL	2	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

biphenyl	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 26B: DEHP IN WASTE WATERS

€ 224 excl. VAT - total amount for 2 tests (excluding transport costs)

16 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 60 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test Matrix		**25M26B.1** **Waste water**								**25M26B.2** **Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
DEHP (Di(2-ethylhexyl)phthalate)	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

DEHP	analyse upon receipt

PROGRAMME 27B: C10-C13 CHLOROALKANES (SCCPS) IN WASTE WATERS

€ 224 excl. VAT - total amount for 2 tests (excluding transport costs)

7 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 60 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test			**25M27B.1**						**25M27B.2**			
Matrix			**Waste water**						**Waste water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
C10-C13 chloroalkanes	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

It is possible that the number of results reported is not sufficient for statistical processing of the data. In this case, comments on the participants' performance will be included in the report.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

C10-C13 chloroalkanes	analyse upon receipt

PROGRAMME 28B: CHLOROACETIC ACID IN WASTE WATERS

€ 191 excl. VAT - total amount for 2 tests (excluding transport costs)

6 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	**10**	11	12
Test				**25M28B.1**						**25M28B.2**		
Matrix				**Waste water**						**Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
chloroacetic acid	2	250 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

It is possible that the number of results reported is not sufficient for statistical processing of the data. In this case, comments on the participants' performance will be included in the report.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

chloroacetic acid	analyse upon receipt

PROGRAMME 29B: EPICHLOROHYDRIN IN WASTE WATERS

€ 193 excl. VAT - total amount for 2 tests (excluding transport costs)

4 participants in 2024 – EXPERIENCE: 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	10	11	**12**
Test				**25M29B.1**								**25M29B.2**
Matrix				**Waste water**								**Waste water**

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
epichlorohydrin	2	100 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

It is possible that the number of results reported is not sufficient for statistical processing of the data. In this case, comments on the participants' performance will be included in the report.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

epichlorohydrin	analyse upon receipt

PROGRAMME 52: AOX IN WATERS

€ 344 excl. VAT - total amount for 4 tests (excluding transport costs)

39 participants in 2024 - EXPERIENCE > 20 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 45 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M52.1					25M52.2			25M52.3		25M52.4	
Matrix	Clean water					Waste water			Clean water		Waste water	

Parameters to analyse for each clean water shipment	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
AOX	500 mL	2	2

Parameters to analyse for each waste water shipment	Volume of bottles	Number of bottles	Number of measurements per parameter and per bottle
AOX, SPE-AOX	500 mL	2	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
AOX, SPE-AOX	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 55A: GLYPHOSATE, AMPA AND AMINOTRIAZOLE IN WASTE WATERS

€ 455 excl. VAT - total amount for 2 tests (excluding transport costs)

14 participants in 2024 – EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 115 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	**8**	9	10	11	12
Test		**25M55A.1**						**25M55A.2**				
Matrix		**Waste water**						**Waste water**				

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
AMPA, aminotriazole, glyphosate	2	1000 mL	2

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
AMPA, aminotriazole, glyphosate	analyse upon receipt

PROGRAMME 59A: PERFLUORINATED COMPOUNDS IN WASTE WATERS

€ 499 excl. VAT - total amount for 2 tests (excluding transport costs)

23 participants in 2024 – EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 125 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test			**25M59A.1**						**25M59A.2**			
Matrix			**Waste water**						**Waste water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
PFBA [CAS 375-22-4], PFBS [CAS 375-73-5], PFDA [CAS 335-76-2], PFDS [CAS 335-77-3], PFDoDA [CAS 307-55-1] (=PFDoA), PFDoDS [CAS 79780-39-5], PFHpA [CAS 375-85-9], PFHpS [CAS 375-92-8], PFHxA [CAS 307-24-4], PFHxS - linear isomer [CAS 355-46-4] (=PFHS), PFNA [CAS 375-95-1] , PFNS [CAS 68259-12-1], PFOA [CAS 335-67-1], PFOS - linear isomer [CAS 1763-23-1], PFPeA [CAS 2706-90-3], PFPeS [CAS 2706-91-4], PFTrDA [CAS 72629-94-8], PFTrDS [CAS 791563-89-8], PFUnDA [CAS 2058-94-8], PFUnDS [CAS 749786-16-1]	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Other recommended proficiency test:

↳ **Programme 59B** 'AOF in waste waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Perfluorinated compounds	D_0+17

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

LAB GTA 05
Analyses physico-chimiques des eaux

PROGRAMME 59B: AOF IN WASTE WATERS

€ 145 excl. VAT - total amount for 1 test (excluding transport costs)

14 participants in 2024 – EXPERIENCE: 1 YEAR

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 75 excl. VAT** (excluding transport costs)

1 SHIPMENT AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	10	11	12
Test Matrix			**25M59B.1 Waste water**									

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
AOF (Adsorbable Organic Fluorine)	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Other recommended proficiency test:

↳ **Le programme 59A** 'Perfluorinated compounds in waste waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
AOF	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 71: PAHS AND PCBS IN WASTE WATERS

€ 871 excl. VAT - total amount for 2 tests (excluding transport costs)

37 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 220 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test Matrix			**25M71.1** **Waste water**							**25M71.2** **Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
PAHs: 2-methylfluoranthene, 2-methylnaphtalene, acenaphtene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3 - cd]pyrene, naphtalene, phenanthrene, pyrene, acenaphtylene	2	1000 mL	1
PCBs: PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180	2	1000 mL	1

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
PAHs	D_0+1
PCBs	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 72A: PESTICIDES AND DEGRADATION RESIDUES - LIST 1 - IN WASTE WATERS

€ 859 excl. VAT - total amount for 2 tests (excluding transport costs)

21 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 215 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	**7**	8	9	10	**11**	12
Test							**25M72A.1**				**25M72A.2**	
Matrix							**Waste water**				**Waste water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter*
2,4'-DDD , 2,4'-DDE, 2,4'-DDT, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aclonifen, alachlor, aldrin, alpha-endosulfan, alpha-HCH, beta-endosulfan, beta-HCH, bifenox, chlordane (total), chlorfenvinphos, chlorpropham, chlorpyriphos-ethyl, cis-chlordane (CAS 5103-71-9), cypermethrin, delta-HCH, diazinon, dichlorvos, dicofol, dieldrin, endosulfan (total), endrin, epsilon HCH, HCH total (= sum of isomers alpha+beta+gamma+delta), heptachlor, heptachlorepoxyde (total), heptachlorepoxyde endo trans, heptachlorepoxyde exo cis, iprodione[1], isodrin, lindane (gamma-HCH), mirex, oxadiazon, pendimethalin, quinoxyfen, trans-chlordane (CAS 5103-74-2), tributyl phosphate, trifluralin	4	1000 mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

Particularity of the test design:
* You will have 2L of sample (2 bottles of 1L) to carry out one measurement of all the parameters.

You will receive a concentrated solution in addition to the bottles of waste water. **The analyses have to be carried out with the reconstituted samples.**

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Pesticides and degradation residues - list 1 - in waste waters	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 72B: PESTICIDES AND DEGRADATION RESIDUES - LIST 2 - IN WASTE WATERS

€ 494 excl. VAT - total amount for 2 tests (excluding transport costs)

19 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 125 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	**7**	8	9	10	**11**	12
Test							**25M72B.1**				**25M72B.2**	
Matrix							**Waste water**				**Waste water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
2,4-D, MCPA, atrazine, azoxystrobin, bentazon, boscalid, chlortoluron, cybutryn, cyprodinil, deisopropylatrazine, desethylatrazine, desethylterbuthylazine, diflufenicanil, diuron, imidaclopride, isoproturon, linuron, metaldehyde, metazachlor, nicosulfuron, simazine, tebuconazole, terbuthylazine, terbutryn, thiabendazole	2	1000 mL	1

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Pesticides and degradation residues - list 2 - in waste waters	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 73: ALKYLPHENOL ETHOXYLATES IN WASTE WATERS

€ 291 excl. VAT - total amount for 2 tests (excluding transport costs)

13 participants in 2024 – EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 75 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M73.1						25M73.2					
Matrix	Waste water						Waste water					

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
NP1EO - 4-nonylphenol monoethoxylate NP2EO - 4-nonylphenol diethoxylate OP1EO - 4-octylphenol monoethoxylate OP2EO - 4-octylphenol diethoxylate	2	1000 mL	1

PARTICULARITIES

You will receive a concentrated solution in addition to the bottles of waste water. The analyses have to be carried out with the reconstituted samples.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

NP1EO - 4-nonylphenol monoethoxylate NP2EO - 4-nonylphenol diethoxylate OP1EO - 4-octylphenol monoethoxylate OP2EO - 4-octylphenol diethoxylate	analyse upon receipt

INDEXES IN WATERS

PROGRAMME 5A: GLOBAL INDEXES IN FRESH WATERS

The materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 225 excl. VAT - total amount for 2 tests (excluding transport costs)

52 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 60 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	**1**	2	3	4	5	6	7	8	**9**	10	11	12
Test Matrix	**25M5A.1** **Clean water**								**25M5A.2** **Natural water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Free cyanide, total cyanide (index)	2	500 mL	2
Phenol index	2	1000 mL	2
Anionic surfactants index	2	500 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Free cyanide, total cyanide (index)	D_0+3
anionic surfactants index, phenol index	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 5B: GLOBAL INDEXES IN WASTE WATERS

€ 262 excl. VAT - total amount for 2 tests (excluding transport costs)

67 participants in 2024 - EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 70 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	10	11	**12**
Test Matrix			**25M5B.1** **Waste water**									**25M5B.2** **Waste water**

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
free cyanide, total cyanide (index)	2	500 mL	2
phenol index	2	1000 mL	2
anionic surfactants index	2	500 mL	2

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
free cyanide, total cyanide (index)	D_0+3
anionic surfactants index, phenol index	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 5C: TOTAL HYDROCARBONS INDEX IN WATERS

Clean and natural waters: the materials are suitable for the check of analyses in fresh waters, public drinking waters, spring waters and non-atypical natural mineral waters.

€ 240 excl. VAT - total amount for 4 tests (excluding transport costs)

93 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 30 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix	**25M5C.1** Clean water			**25M5C.2** Waste water					**25M5C.3** Natural water			**25M5C.4** Waste water

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
total hydrocarbons index - C10-C40 range	2	1000 mL	1

PARTICULARITIES

Total hydrocarbons index - C10-C40 range according to (NF EN) ISO 9377-2 or equivalent standard.

Total hydrocarbons index - C10-C40 range: sum of the concentrations of compounds extractable with a hydrocarbon solvent, boiling point between 36 °C and 69 °C, not adsorbed on Florisil and which may be chromatographed by GC-FID, with retention times between those of n-decane (C10H22) and n-tetracontane (C40H82).

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

total hydrocarbons index - C10-C40 range	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 5D: VOLATILE HYDROCARBONS INDEX IN WATERS

€ 237 excl. VAT - total amount for 3 tests (excluding transport costs)

27 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 30 excl. VAT** (excluding transport costs)

New: addition of a second test in natural water

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	**5**	6	7	**8**	9	10	**11**	12
Test		**25M5D.1**			**25M5D.2**			**25M5D.3**			**25M5D.4**	
Matrix		**Waste water**			**Natural water**			**Waste water**			**Natural water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Volatile hydrocarbons index – C5-C9 range	2	100 mL	1

PARTICULARITIES

Volatile hydrocarbons index – C5-C9 range according to NF T90-124 or equivalent standard.

Volatile hydrocarbons index – C5-C9 range: sum of concentrations of compounds present in the static headspace giving a response in gas chromatography equipped with a nonpolar column and a flame ionization detector (GC/FID), in experimental conditions enabling to obtain a C5/123-TMB ratio between 0,7 and 1,3, and with retention times between those of pentane (C5H12) and 1,2,3-trimethylbenzene (C9H12).

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Volatile hydrocarbons index – C5-C9 range	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

BIOLOGY AND ECOTOXICOLOGY

PROGRAMME 12: MACROINVERTEBRATES OF RUNNING WATERS

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€ 766 excl. VAT - total amount for 1 test (excluding transport costs)

42 participants in 2024 – EXPERIENCE: 15 YEARS

1 SHIPMENT AVAILABLE / YEAR

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test									25M12.1			
Matrix									Habitation of running waters			

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Faunal list according to NF T90-350 and/or NF T90-388 and, as an option, calculation of IBGN indexes, MCPE12 (Code Sandre 5912) and/or I2M2 (Code Sandre 7613) (no sampling step)	12	500 mL	1

PARTICULARITIES

Fixation reagent: ethanol

Registration deadline: 7 May 2025

Laboratories wishing a second expertise for some singular taxa highlighted during the statistical processing will be able to send them back to AGLAE. To do so, participants will be contacted as soon as the review is issued to specify how to send the concerned taxa back.
This second expertise will allow a better consideration of the profile of singular laboratories for a possible re-ranking of analytical performance.

The test documents of this Proficiency Testing Scheme are not translated into English.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Faunal list	Analyses will have to be carried out so as to meet the deadline set by AGLAE to send the results.

PROGRAMME 13: ECOTOXICOLOGY

€ 510 excl. VAT - total amount for 2 tests (excluding transport costs)

30 participants in 2024 – EXPERIENCE > 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 130 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	**9**	10	11	12
Test			**25M13.1**						**25M13.2**			
Matrix			**Fresh and waste waters**						**Fresh and waste waters**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
"Daphnia" test: determination of the inhibition of the mobility of *Daphnia magna Straus* – acute toxicity test	1 for fresh waters and 1 for waste waters	1000 mL	2

PARTICULARITIES

The determination of the inhibitory effect of water samples on the light emission of *Vibrio fischeri* (luminescent bacteria test - "Microtox" [1] test) can also be carried out on these samples. Data statistical treatment may be performed if the number of participants' results is sufficient.

[1] parameter not covered by accreditation (see general conditions of registration)

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
"Daphnia" test	D_0+2

D_0: Day the samples are sent to all the participants (for the tests of programme 13, Monday)

PROGRAMME 16: BIOLOGICAL DIATOM INDEX

€ 307 excl. VAT - total amount for 1 test (excluding transport costs)

26 participants in 2024 – EXPERIENCE > 10 YEARS

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	7	8	9	**10**	11	12
Test										**25M16.1**		
Matrix										**Running water**		

Parameters to analyse	Number of bottles	Volume per bottle	Number of measurements per parameter and per bottle
Floristic list according to NF T90-354.	1	around 20 mL	1

PARTICULARITIES

Fixation reagent: ethanol.

Registration deadline: 28 May 2025

Transmission of results via Omnidia software: our Biology data processing team will access the data of your laboratory to perform the statistical processing.

Indexes (biological diatom index, pollution-sensitivity index and for information only Rott TI) will be calculated by AGLAE via OMNIDIA software.

Photographic prints of 10 remarkable species will be included in the test report.

Assessment of several technicians is possible: referent results and additional results can be reported.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Floristic list according to NF T90-354	Analyses will have to be carried out so as to meet the deadline set by AGLAE to send the results.

PROGRAMME 34: PROTOZOANS IN FRESH WATERS

Test materials are suitable for checking analyses in public distribution water and non-atypical natural mineral waters.

€ 675 excl. VAT - total amount for 2 tests (excluding transport costs)

20 participants in 2024 - EXPERIENCE > 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 170 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	9	10	**11**	12
Test				**25M34.1**							**25M34.2**	
Matrix				**Clean water**							**Clean water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Giardia cysts (total) Giardia cysts (healthy*) Cryptosporidium oocysts (total) Cryptosporidium oocysts (healthy*)	2	400 µL	1

PARTICULARITIES

* Optional: numeration of healthy Giardia cysts and Cryptosporidium oocysts (blue nuclei after DAPI staining according to French standard NF T90-455).

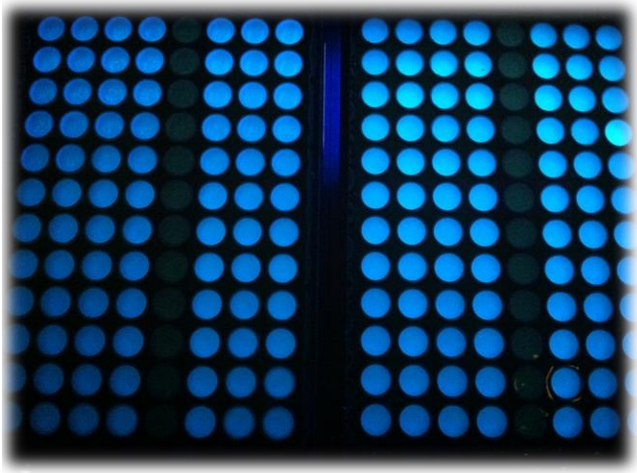
With one of the 2 tubes, only one analysis of the total concentrate has to be carried out by I.M.S. reconcentration, staining, identification and enumeration.
The second tube of concentrate will have to be re-suspended in 10 litres of drinking water. A complete analysis will be carried out on this 10 litres sample (complete analysis: filtration, concentration, staining, identification and enumeration).

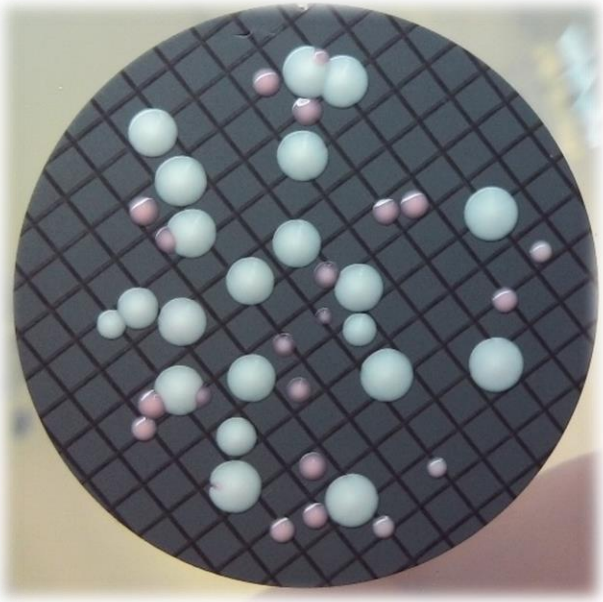
Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

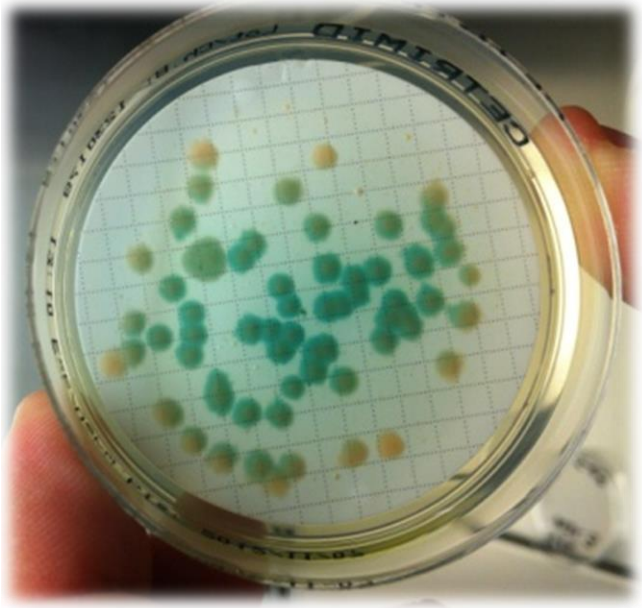
Cryptosporidium oocysts, Giardia cysts	D_0+3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

WATER MICROBIOLOGY







PROGRAMME 11: MICROBIAL INDICATORS OF FAECAL CONTAMINATION BY MPN METHOD

Test materials are suitable for the check of analyses in fresh waters, saline and brackish waters and waste waters.

€ 425 excl. VAT - total amount for 4 tests (excluding transport costs)

127 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	**6**	7	**8**	9	10	**11**	12
Test		**25M11.1**				**25M11.2**		**25M11.3**			**25M11.4**	
Matrix		**Surface water**				**Bathing freshwater**		**Saline water**			**Waste water**	

Parameters to analyse in surface water and bathing freshwater	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Coliform bacteria, *Escherichia coli,* Intestinal enterococci	2	500 mL	2

Parameters to analyse in sea water and waste water	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Escherichia coli, Intestinal enterococci	2	500 mL	2

PARTICULARITIES

Coliform bacteria: parameter compatible with (NF EN) ISO 9308-2 and NF T90-413.
***Escherichia coli*:** parameter compatible with (NF EN) ISO 9308-2 and (NF EN) ISO 9308-3.
Intestinal enterococci: parameter compatible with (NF EN) ISO 7899-1 and Enterolert E.

Assessment all methods together (z-score and ranking).
Assessment per methodological group, subject to a sufficient number of results.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Escherichia coli, coliform bacteria, Intestinal enterococci	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 30: MICROBIOLOGY IN CLEAN WATERS

Test materials are suitable for the check of analyses in public drinking waters, non-atypical natural mineral waters, swimming pool waters, waters for whirlpool baths, waters for multi-jet showers, healthcare waters as well as fresh waters, waters in health care, pharmaceutical and cosmetic establishments. *Clear fresh waters for the spores of sulfite-reducing anaerobes.*

€ 758 excl. VAT - total amount for 4 tests (excluding transport costs)

273 participants in 2024 – EXPERIENCE > 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 95 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	**5**	6	7	8	**9**	10	11	**12**
Test Matrix			**25M30.1** **Clean water**		**25M30.2** **Clean water**				**25M30.3** **Clean water**			**25M30.4** **Clean water**

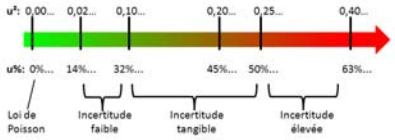
Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Culturable micro-organisms at 22°C, Culturable micro-organisms at 36°C	2	10 mL	2
Escherichia coli, coliform bacteria, Intestinal enterococci, spores of sulfite-reducing anaerobes	2	500 mL	2

PARTICULARITIES

Culturable micro-organisms at 22°C and culturable micro-organisms at 36°C: by incorporation.

Coliform bacteria, *Escherichia coli*: parameters compatible with (NF EN) ISO 9308-1 (2000), ISO 9308-1 (2014), ISO 9308-2 (2012) and (NF EN) ISO 9308-2 (2014).

Intestinal enterococci: parameter compatible with (NF EN) ISO 7899-2 and Enterolert DW.



For all the parameters of this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Assessment all methods together (z-score and ranking).
Assessment per methodological group, subject to a sufficient number of results.

Other recommended proficiency tests:

- **Programme 30A** 'Spores of sulfite-reducing anaerobes in fresh waters and waste waters'
- **Programme 39** 'Vegetative cells and spores of *Clostridium perfringens* in clean water'
- **Programme 86** 'Indicator germs by filtration in bacteriologically controlled waters' for the analysis of culturable micro-organisms at 22°C and at 36°C after filtration

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Culturable micro-organisms at 22°C, Culturable micro-organisms at 36°C, *Escherichia coli*, coliform bacteria, Intestinal enterococci, spores of sulfite-reducing anaerobes	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 30A: SPORES OF SULFITE-REDUCING ANAEROBES IN FRESH WATERS AND WASTE WATERS

Test materials are suitable for the check of analyses in fresh waters and in waste waters.

€ 245 excl. VAT - total amount for 4 tests (excluding transport costs)

17 participants in 2024 – EXPERIENCE: 4 YEARS

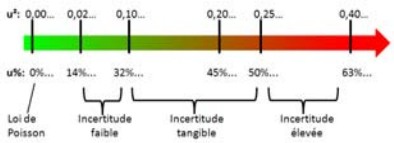
Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 35 excl. VAT** (excluding transport costs)

4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	**5**	6	7	8	**9**	10	11	**12**
Test Matrix			**25M30A.1** **Surface water**		**25M30A.2** **Waste water**				**25M30A.3** **Surface water**			**25M30A.4** **Waste water**

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Spores of sulfite-reducing anaerobes	2	250 mL	2

PARTICULARITIES



For this programme, when the bacterial load enables it, uncertainties are calculated and provided to participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Other recommended proficiency test:

- **Programme 30** 'Microbiology in clean waters'
- **Programme 39** 'Vegetative cells and spores of *Clostridium perfringens* in clean water'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Spores of sulfite-reducing anaerobes	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 31: *PSEUDOMONAS AERUGINOSA* AND PATHOGENIC STAPHYLOCOCCI IN CLEAN WATERS

Test materials are suitable for the check of analyses in public drinking waters, non-atypical natural mineral waters, swimming pool waters, waters for whirlpool baths, waters for multi-jet showers, healthcare waters and bacteriologically controlled waters as well as fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

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Scope available on www.cofrac.fr

€ 516 excl. VAT – total amount for 4 tests (excluding transport costs)

226 participants in 2024 – EXPERIENCE: 30 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

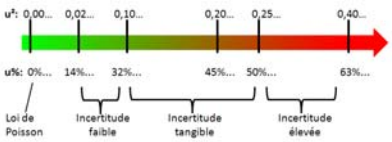
4 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test Matrix	**25M31.1** Clean water			**25M31.2** Clean water					**25M31.3** Clean water			**25M31.4** Clean water

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Pseudomonas aeruginosa, pathogenic staphylococci (coagulase positive)	2	500 mL	2

PARTICULARITIES

Pseudomonas aeruginosa: parameter compatible with (NF EN) ISO 16266 and ISO 16266-2.



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Assessment all methods together (z-score and ranking).
Assessment per methodological group, subject to a sufficient number of results.

Other recommended proficiency tests:
↳ **Programme 31A** 'Pathogenic staphylococci in saline waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Pseudomonas aeruginosa, pathogenic staphylococci (coagulase positive)	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 31A: PATHOGENIC STAPHYLOCOCCI IN SALINE WATERS

€ 196 excl. VAT - total amount for 2 tests (excluding transport costs)

8 participants in 2024 - EXPERIENCE: 3 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	**9**	10	11	12
Test				**25M31A.1**					**25M31A.2**			
Matrix				**Sea water**					**Sea water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
pathogenic staphylococci (coagulase positive)	2	250 mL	2

PARTICULARITIES

Other recommended proficiency tests:

↳ **Programme 31** '*Pseudomonas aeruginosa* and pathogenic staphylococci in clean waters

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
pathogenic staphylococci (coagulase positive)	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 32: *LEGIONELLA* AND *LEGIONELLA PNEUMOPHILA* IN CLEAN WATERS BY CULTURE

Test materials are suitable for the check of analyses in public drinking waters, domestic hot waters, natural mineral waters for thermal use, swimming pool waters and equivalent, waters from misting systems as well as fresh waters and process waters except coloured and/or unfilterable water requiring centrifugation or following the 'waste water' protocol.

€ 573 excl. VAT - total amount for 3 tests (excluding transport costs)

224 participants in 2024 – EXPERIENCE: 25 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 100 excl. VAT** (excluding transport costs)

3 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	**5**	6	7	8	9	**10**	11	12
Test Matrix		**25M32.1** **Clean water**			**25M32.2** **Clean water**					**25M32.3** **Clean water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Legionella pneumophila, Legionella	2	500 mL	2

PARTICULARITIES

Refrigerated parcel to favour the reception of similar samples in France and internationally.

Legionella and *Legionella pneumophila*: parameters compatible with NF T90-431 and ISO 11731 (2017) [Matrix A; Procedures 1 and 7; Medium C].

Assessment all methods together (z-score and ranking).
Assessment per methodological group, subject to a sufficient number of results.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Legionella pneumophila, Legionella	D_0+2

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 33: *LEGIONELLA* AND *LEGIONELLA PNEUMOPHILA* IN WASTE WATERS BY CULTURE

Test materials are suitable for the check of analyses in surface waters, in industrial waters, in waters from cooling installations by water dispersion in air flows, in natural waters as well as fresh waters and process waters coloured and/or unfilterable requiring centrifugation or following the 'waste water' protocol.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 604 excl. VAT - total amount for 3 tests (excluding transport costs)

122 participants in 2024 - EXPERIENCE > 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 105 excl. VAT** (excluding transport costs)

3 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M33.1			25M33.2						25M33.3		
Matrix	Waste water			Waste water						Waste water		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Legionella pneumophila, Legionella	2	1030 mL	2

PARTICULARITIES

Refrigerated parcel to favour the reception of identical samples in France and internationally.

Legionella, Legionella pneumophila: parameters compatible with NF T90-431 and ISO 11731 (2017) [Matrix B; Procedures 1, 8, 9, 10 and 11; Medium C].

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Legionella pneumophila, Legionella	D_0+2

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 35: *LEGIONELLA* AND *LEGIONELLA PNEUMOPHILA* IN CLEAN WATERS BY PCR

Test materials are suitable for the check of analyses in public drinking waters, domestic hot waters, natural mineral waters for thermal use, swimming pool waters and equivalent, waters from misting systems as well as fresh waters.

€ 614 excl. VAT - total amount for 2 tests (excluding transport costs)

23 participants in 2024 - EXPERIENCE 15 > YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 155 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test Matrix		**25M35.1** **Clean water**								**25M35.2** **Clean water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Legionella, Legionella pneumophila	2	500 mL	2

PARTICULARITIES

Legionella, Legionella pneumophila: parameters compatible with NF T90-471 and ISO/TS 12869.

The analysis method used must lead to quantitative results. Presence/absence type results cannot be processed.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Legionella, Legionella pneumophila	D_0+2

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 36: *LEGIONELLA* AND *LEGIONELLA PNEUMOPHILA* IN WASTE WATERS BY PCR

Test materials are suitable for the check of analyses in surface waters, industrial waters, waters for cooling installations by water dispersion in an air flow, natural waters as well as in process waters.

€ 714 excl. VAT - total amount for 2 tests (excluding transport costs)

12 participants in 2024 – EXPERIENCE: 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 180 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	9	**10**	11	12
Test						**25M36.1**				**25M36.2**		
Matrix						**Waste water**				**Waste water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Legionella, Legionella pneumophila	2	500 mL	2

PARTICULARITIES

Legionella, Legionella pneumophila: parameters compatible with NF T90-471 and ISO/TS 12869.

The analysis method used must lead to quantitative results. Presence/absence type results cannot be processed.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Legionella, Legionella pneumophila	D_0+2

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 37: *SALMONELLA* IN FRESH WATERS

€ 141 excl. VAT - total amount for 2 tests (excluding transport costs)

80 participants in 2024 - EXPERIENCE > 15 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 40 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	10	**11**	12
Test			**25M37.1**								**25M37.2**	
Matrix			**Clean water**								**Surface water**	

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Salmonella	2	1000 mL	1

PARTICULARITIES

Clean water: test materials are suitable for the check of analyses in public drinking waters and non-atypical natural mineral waters.

Surface water: test materials are suitable for the check of analyses in fresh surface waters used for the production of waters intended for human consumption and non-atypical natural mineral waters.

Qualitative analysis: presence / absence.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Salmonella	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 38: YEASTS IN CLEAN WATERS

Test materials are suitable for the check of analyses in public drinking waters, non-atypical natural mineral waters and bacteriologically controlled waters as well as fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

€ 143 excl. VAT - total amount for 2 tests (excluding transport costs)

22 participants in 2024 - EXPERIENCE > 5 YEARS

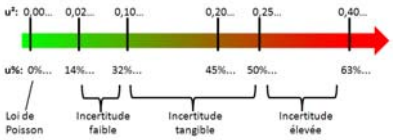
Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 40 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	**1**	2	3	4	5	**6**	7	8	9	10	11	12
Test	**25M38.1**					**25M38.2**						
Matrix	**Clean water**					**Clean water**						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Yeasts	2	510 mL	2

PARTICULARITIES



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Yeasts	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 38A: MOULD IN CLEAN WATERS

Test materials are suitable for the check of analyses in public drinking waters, non-atypical natural mineral waters and bacteriologically controlled waters as well as fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

€ 196 excl. VAT - total amount for 2 tests (excluding transport costs)

30 participants in 2024 - EXPERIENCE > 5 YEARS

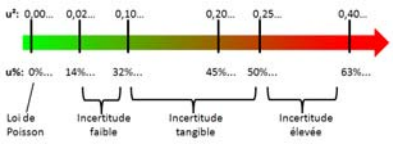
Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 50 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	11	12
Test	25M38A.1					25M38A.2						
Matrix	Clean water					Clean water						

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Mould	2	500 mL	2

PARTICULARITIES



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Mould	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 39: VEGETATIVE CELLS AND SPORES OF *CLOSTRIDIUM PERFRINGENS* IN CLEAN WATERS

Test materials are suitable for the check of analyses in public drinking waters according to ISO 14189.

New to catalogue

€ 335 excl. VAT - total amount for 2 tests (excluding transport costs)

15 participants in 2024 – EXPERIENCE: 1 YEAR

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	**9**	10	11	12
Test						**25M39.1**			**25M39.2**			
Matrix						**Clean water**			**Clean water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Vegetative cells and spores of *Clostridium perfringens*	2	500 mL	2

PARTICULARITIES

You will receive dehydrated materials 'Qualities' in addition to the bottles of clean water (one dehydrated material for each bottle of clean water). Resuspension of the materials have to be carried out following a protocol provided by AGLAE.

Analyses of vegetative cells and spores of *Clostridium perfringens* have to be carried out according to (NF EN) ISO 14189 standard.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Vegetative cells and spores of *Clostridium perfringens*	Analyse upon receipt

PROGRAMME 130: BACTERIOPHAGES IN WATERS

€ 728 excl. VAT - total amount for 2 tests (excluding transport costs)

16 participants in 2024 – EXPERIENCE: 2 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 185 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	**4**	5	6	7	8	**9**	10	11	12
Test Matrix				**25M130.1** **Waste water**					**25M130.2** **Fresh water**			

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Somatic coliphages	1	Waste water : 250 mL Fresh water : 500 mL	2
F-specific RNA bacteriophages	1	Waste water : 250 mL Fresh water : 500 mL	2

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Somatic coliphages	D_0+1
F-specific RNA bacteriophages	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

WATERS INTENDED FOR MEDICAL USE

PROGRAMME 82: ENDOTOXINS IN WATERS AS DESCRIBED IN THE PHARMACOPOEIA

Test materials are suitable for the check of analyses in waters as described in the pharmacopoeia, waters for irrigation, hemodialysis waters, dialysates, substitution fluids, as well as waters in health care, pharmaceutical and cosmetic establishments.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 331 excl. VAT - total amount for 2 tests (excluding transport costs)

60 participants in 2023 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 85 excl. VAT** (excluding transport costs)

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	**8**	9	10	11	12
Test			**25M82.1**					**25M82.2**				
Matrix			**Waters intended for medical use**					**Waters intended for medical use**				

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Bacterial Endotoxins	2	30 mL	2

PARTICULARITIES

Bacterial endotoxins (LAL enumeration) in accordance with the current pharmacopoeia PE 2.6.14 or USP <85> and <161>.

Please note that only quantitative methods and methods giving results like <X, >Y or [x; y] are taken into account for the statistical processing of data.
Results coming from qualitative methods (presence / absence) cannot be statistically processed.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Bacterial Endotoxins	D_0 + 3

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 83A: MICROBIOLOGY IN WATERS SIMILAR TO DIALYSATE

Test materials are suitable for the check of analyses in hemodialysis waters, dialysates, generator loop outflow waters, substitution fluids, as well as fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 371 excl. VAT - total amount for 2 tests (excluding transport costs)

76 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 95 excl. VAT** (excluding transport costs)

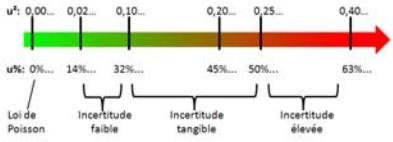
2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	**2**	3	4	5	6	7	8	9	**10**	11	12
Test		**25M83A.1**								**25M83A.2**		
Matrix		**Waters intended for medical use**								**Waters intended for medical use**		

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
25M83A.1			
Culturable micro-organisms at 22°C - 7 days with identification	2	500 mL	2
Pseudomonas aeruginosa	2	500 mL	2
25M83A.2			
Culturable micro-organisms at 22°C - 7 days with identification	2	500 mL	2
Yeasts	2	500 mL	2

PARTICULARITIES

Aerobic flora culturable at 22°C during 7 days (by filtration): advised culture media R2A.



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Other recommended proficiency tests:

- **Programme 31** '*Pseudomonas aeruginosa* and pathogenic staphylococci in clean waters'
- **Programme 38** 'Yeasts in clean waters'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Culturable micro-organisms at 22°C - 7 days, *Pseudomonas aeruginosa* and yeasts	$D_0 + 1$

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 83B: MICROBIOLOGY IN WATERS SIMILAR TO ENDOSCOPE VERIFICATION SOLUTIONS

Test materials are suitable for the check of analyses in fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

€ 308 excl. VAT – total amount for 2 tests (excluding transport costs)

103 participants in 2024 - EXPERIENCE > 10 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 80 excl. VAT** (excluding transport costs)

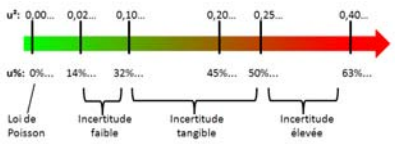
2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test			**25M83B.1**							**25M83B.2**		
Matrix			**Waters intended for medical use**							**Waters intended for medical use**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Culturable micro-organisms at 30°C - 5 days and identification	2	500 mL	2

PARTICULARITIES

Total aerobic mesophile flora culturable at 30°C during 5 days including yeasts: none-selective culture media advised such as PCA or TS.



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

culturable micro-organisms at 30°C - 5 days	$D_0 + 1$

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 86: INDICATOR GERMS BY FILTRATION IN BACTERIOLOGICALLY CONTROLLED WATERS

Test materials are suitable for the check of analyses in fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 245 excl. VAT - total amount for 2 tests (excluding transport costs)

73 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

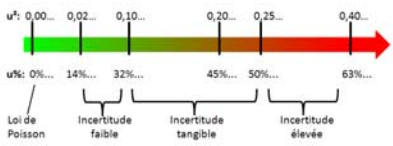
2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test			**25M86.1**							**25M86.2**		
Matrix			**Waters intended for medical use**							**Waters intended for medical use**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Culturable micro-organisms at 22°C Culturable micro-organisms at 36°C	2	500 mL	2

PARTICULARITIES

Aerobic flora culturable at 22°C and at 36°C on PCA or TS media by filtration of 100 mL.



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Other recommended proficiency tests:

- **Programme 30** 'Microbiology in clean waters' for the analysis of culturable micro-organisms at 22°C and at 36°C by the plate incorporation method
- **Programme 31** '*Pseudomonas aeruginosa* and pathogenic staphylococci in clean waters'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Culturable micro-organisms at 22°C Culturable micro-organisms at 36°C	$D_0 + 1$

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 86A: NON-TUBERCULOUS MYCOBACTERIA IN WATERS FOR MEDICAL USE

Test materials are suitable for the check of analyses in fresh waters, waters in health care, pharmaceutical and cosmetic establishments.

€ 108 excl. VAT - total amount for 1 test (excluding transport costs)

21 participants in 2024 – EXPERIENCE: 3 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 55 excl. VAT** (excluding transport costs)

1 SHIPMENT / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	6	7	8	9	10	**11**	12
Test											**25M86A.1**	
Matrix											**Waters intended for medical use**	

Parameters to analyse	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Non-tuberculous mycobacteria	2	500 mL	1

PARTICULARITIES

In the frame of this test, participating laboratories will detect, and quantify if their method enables it, non-tuberculous mycobacteria in waters for medical use.

This is a **methodological comparison** test, which will enable participants to estimate the reliability of their analytical protocol.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Non-tuberculous mycobacteria	$D_0 + 1$

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 86B: INDICATOR GERMS IN WATERS SIMILAR TO PHARMACEUTICAL PROCESS WATERS

Test materials are suitable for the check of analyses in waters as described in the pharmacopoeia, healthcare waters (purified and highly purified waters …) as well as pharmaceutical and cosmetic establishments.

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 Scope available on www.cofrac.fr

€ 247 excl. VAT - total amount for 2 tests (excluding transport costs)

23 participants in 2024 - EXPERIENCE > 5 YEARS

Need to test another method, evaluate your staff?
Order **additional test samples** (parcel in its entirety): **€ 65 excl. VAT** (excluding transport costs)

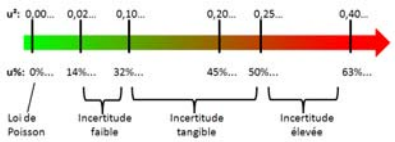
2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test			**25M86B.1**							**25M86B.2**		
Matrix			**pharmaceutical process water**							**pharmaceutical process water**		

Parameters to analyse for each shipment	Number of bottles	Volume of bottles	Number of measurements per parameter and per bottle
Culturable micro-organisms at 30-35°C on R2A medium during 5 days	2	500 mL	2

PARTICULARITIES

Aerobic flora culturable at 30-35°C on R2A medium during 5 days **after filtration.**



For this programme, uncertainties are calculated and provided to the participants. The indicators are the repeatability uncertainty ur^2 and the reproducibility uncertainty uR^2 specific to each participant. The uncertainty evaluated for the whole profession is also presented.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Culturable micro-organisms at 30-35°C	$D_0 + 1$

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

COSMETICS

PROGRAMME 110: CHALLENGE TEST IN COSMETICS

*Evaluation of the antimicrobial protection of **cosmetic products**.*

€ 507 excl. VAT - total amount for the test (excluding transport costs)

15 participants in 2024 - EXPERIENCE > 5 YEARS

1 SHIPMENT / YEAR

Month	1	2	3	4	5	6	7	8	9	**10**	11	12
Test Matrix										**25M110.1** **Cosmetic product**		

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
Percent reductions at 48 hours, 7 days and 14 days for *Pseudomonas aeruginosa* / gel*	2	55 g or mL	1
Percent reductions at 48 hours, 7 days and 14 days for *Aspergillus brasiliensis* / cream*	2	55 g or mL	1

**Subject to technical change. Final couples communicated in the instructions, one week before sending the test sample.*

PARTICULARITIES

Perform preservation efficacy tests on the 2 bottles for the 2 couples bacterial strain / cosmetic product following the ISO 11930 standard or any equivalent internal method.

Bacterial strains not provided.

Presence of preservatives in the cosmetic products, the efficacy of the neutraliser will have to be checked. Implementation details to be specified on the results form.

Other recommended proficiency tests:

- **Programme 111** 'Aerobic mesophilic bacteria and yeast / mould in cosmetics'
- **Programme 112** 'Specified microorganisms in cosmetics'

Recommended period to start the sample treatment (PRDT): time interval during which the quality of test materials is optimal (in number of days)	
Percent reductions at 48 hours, 7 days and 14 days	D_0+10

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 111: AEROBIC MESOPHILIC BACTERIA AND YEAST/MOULD IN COSMETICS

***Enumeration** of aerobic mesophilic bacteria and yeast/mould*

€ 511 excl. VAT - total amount for 2 tests (excluding transport costs)

7 participants in 2024 – EXPERIENCE: 1 YEAR

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	**3**	4	5	6	7	8	9	**10**	11	12
Test			**25M111.1**							**25M111.2**		
Matrix			**Cosmetic product**							**Cosmetic product**		

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
25M111.1			
Aerobic mesophilic bacteria	2	10 g or mL	2
25M111.2			
Yeast / mould[1]	2	10 g or mL	2

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

Presence of preservatives, the applicability of the method will have to be checked (neutralisation of the preservative). Implementation details to be specified on the results form.

The cosmetic product will be a cream, a lotion or a gel.

Enumeration of aerobic mesophilic bacteria according to ISO 21149 or equivalent method
Enumeration of yeast and mould according to ISO 16212 or equivalent method

Other recommended proficiency tests:

- **Programme 110** 'Challenge test in cosmetics'
- **Programme 112** 'Specified microorganisms in cosmetics'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Aerobic mesophilic bacteria, yeast, mould	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

PROGRAMME 112: SPECIFIED MICROORGANISMS IN COSMETICS

cofrac COMPARAISONS INTERLABORATOIRES Accreditation n°1-1664 — Scope available on www.cofrac.fr

***Detection** of specified micro-organisms: Escherichia coli, Candida albicans, Staphylococcus aureus and Pseudomonas aeruginosa*

€ 423 excl. VAT - total amount for 2 tests (excluding transport costs)

7 participants in 2024 – EXPERIENCE: 1 YEAR

2 SHIPMENTS AVAILABLE / YEAR - REFRIGERATED PARCEL

Month	1	2	3	4	5	**6**	7	8	9	10	**11**	12
Test						**25M112.1**					**25M112.2**	
Matrix						**Cosmetic product**					**Cosmetic product**	

Parameters to analyse	Number of bottles	Quantity per bottle	Number of measurements per parameter and per bottle
25M112.1			
Escherichia coli, Candida albicans	3	10 g or mL	1
25M112.2			
Staphylococcus aureus[1], *Pseudomonas aeruginosa*[1]	3	10 g or mL	1

[1] parameter not covered by accreditation (see general conditions of registration)

PARTICULARITIES

Presence of preservatives, the applicability of the method will have to be checked (neutralisation of the preservative). Implementation details to be specified on the results form.

The cosmetic product will be a cream, a lotion or a gel.

Detection of *Escherichia coli* according to ISO 21150
Detection of *Candida albicans* according to ISO 18416
Detection of *Staphylococcus aureus* according to ISO 22718
Detection of *Pseudomonas aeruginosa* according to ISO 22717

Other recommended proficiency tests:

- **Programme 110** 'Challenge test in cosmetics'
- **Programme 111** 'Aerobic mesophilic bacteria and yeast / mould in cosmetics'

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Escherichia coli, Candida albicans, Staphylococcus aureus, Pseudomonas aeruginosa	D_0+1

D_0: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)

General conditions of registration for the proficiency tests

When registering for a scheme any laboratory accepts the following general conditions.

1. Registration for the proficiency tests

AGLAE is a non-profit-association governed by the French 1901 law.
Any analytical or testing laboratory in the chemical, biological, physical... field can register for the tests; it is then a member of the Association.
Any member wishing to participate actively in the operation of the Association may apply (contact us).
AGLAE's proficiency testing scheme is conducted from January to December. It is adapted every year to the needs of laboratories and to French regulation in force. However, registrations are possible all the year through, as long as proficiency tests are still available. Registration for one programme includes the participation in all the tests left when registering. Because regulations vary according to the country, international laboratories are allowed to order proficiency tests as separate units.
AGLAE's service offers are provided as part of a subscription. There is no withdrawal period as samples can deteriorate quickly.
Registration is effective when AGLAE sends the registration certificate.
Once registered, a laboratory shall not withdraw and ask for a refund, even if the laboratory requests not to receive the samples.
When registering, the laboratory shall agree to receive the samples any working day (according to French legislation). After registration, participants receive their schedule.
AGLAE might be brought to modify the scheme content during the year (shipment date, change of packaging, analytical periods…).
Without involving AGLAE's liability, any programme might be cancelled if the number of registered participants is considered insufficient or in case of feasibility problem. Should a programme be cancelled, invoiced fees will be reimbursed.

2. Quality Control Materials

AGLAE provides "Quality Control Materials" to any laboratory registered for the current scheme. These materials come from proficiency tests in solid matrices.
Any member may order these materials whether the laboratory has participated or not in the proficiency test from which the test material comes from.
The laboratory can order them at any time during the year, up to a limit of 5 materials from the same batch.
On receipt of a purchase order or of a validated quote, AGLAE informs the laboratory of the date the quality control materials are sent.
The conditions of transport, receipt and payment of quality control materials follow the ones of test materials.

3. Additional test samples

AGLAE provides additional samples for almost all the tests. These samples are sent at the same time as interlaboratory samples, to the same address and no statistical treatment is carried out from them. The laboratory should be registered for the concerned programme to purchase them. The conditions of transport, receipt and payment of additional test samples follow the ones of test materials.

4. Payment of the due amounts

The laboratory has to pay the amount of its invoice. The invoice includes: participation fees, transport and possibly VAT, management fees, discounts.
Invoicing of participation fees is established proportionally to the number of tests left, increased by 10% when the entire set of tests for a programme is no more available or for the purchase of separate units for international laboratories.
Transport costs are not included in the cost of the proficiency tests, they are charged in addition.
Management fees can be applied in particular in case of bank transfer costs to be paid by AGLAE.
Payments have to be done without causing any fees for AGLAE within a fixed schedule specified on the invoice.
Any delay or absence of payment leads to, by right and without formal notice, the immediate payability of the due sums as well as the payment of penalties of one and a half times the legal interest rate, based on unpaid sums and without prejudice of damages and other costs that the Association may require. All sums are due from the deadline of payment until they are actually paid.
AGLAE reserves the right to withhold the access to the Member Area or shipment of test materials to any laboratory not respecting the deadlines of payment and not replying to reminders. In case of temporary suspension of the sending of test materials, the laboratory will not be entitled to claim the refund of the proficiency tests not performed. In case of late payment or payment anomaly, payments will then be requested upon receipt of the quote.
Invoicing is done at the time of registration, independently from the conduct of the tests. It may not be required to be made out once the service has been provided.

5. Accreditation and confidentiality

AGLAE meets the requirements of ISO / IEC 17043 standard and Cofrac rules of application for the provision of interlaboratory comparisons *(Cofrac accreditation No. 1-1664 – scope available on www.cofrac.fr)*.
Laboratories cannot use AGLAE's logo jointly with AGLAE's Cofrac accreditation mark.
AGLAE is committed to assuring the **confidentiality of information** it owns. Anonymity of participants in a test is assured by the coding of results, all the test documents containing results are issued with a laboratory code.
AGLAE may not provide a performance assessment for parameters not implemented under accreditation.

6. Communication with the participants

Communication between the Association and participants are mainly in **electronic** format: sending and receiving emails, documents to download from the dedicated area of AGLAE's web site ("Member Area").
Many messages and test documents are translated into English, but the official version remains the French version.
The laboratory is responsible for updating its contact details via the members' area or by e-mail if necessary.
AGLAE accepts no liability for the non-receipt of emails. Laboratories shall follow the conduct of proficiency tests and react to reminders.

7. Transport of test materials

Transport is performed by **express delivery** service by a courier selected by AGLAE.
Delivery of the samples is scheduled the day after the shipment before 1pm for laboratories located in metropolitan France. For other destinations, delivery times depend on the carrier and the location of the laboratory (contact us if need be). Laboratories should be able to receive deliveries from 7.30 am as well as during lunch breaks.

AGLAE's liability towards deliveries is limited to late deliveries of more than 2 working days compared to the delays specified by the courier, not attributable to laboratories and in normal period of activity. The date to which all the parcels are handed over to the courier is considered to calculate possible late deliveries.
AGLAE will not be liable for:

- malfunctioning attributable to the laboratory (no receipt of the parcel handed over by the carrier or loss of the parcel within the laboratory or address change without prior notice),
- delays at customs,
- social conflicts, national or local,
- case of force majeure preventing correct delivery (weather problems…),
- unjustified claim about the integrity of the received products.

In every instance, when AGLAE's liability is involved, the compensation shall be limited to the price for the proficiency test giving rise to such liability (adding the transport fees invoiced).
Attention: depending on the destination, **a custom duty may be requested to the laboratory by the local customs**. **The laboratory shall take any necessary action to meet the customs' requirements and get the test materials as soon as possible.**

8. Receipt and quality of the test materials

The aim of the PTS preparation is to prepare materials as close as possible to the samples analysed in routine: the contamination levels can therefore be very low or very high.
The preparation and packaging of the test materials are mainly carried out by AGLAE. Subcontracting can be used for some programmes.
In case of major failure found on receipt of the test materials, the laboratory shall contact AGLAE as quickly as possible so that AGLAE can take the appropriate actions. Anomalies notified by the laboratory more than 24 hours after receipt will not be accepted.
The objective aimed during the proficiency testing preparation is to prepare test materials as close as possible to the ones regularly analysed: the contamination levels can thus be very low or on the opposite very high.
In case of major defect of test samples quality, AGLAE has the possibility to cancel the concerned parameter or the whole proficiency test; without the laboratories being able to claim any compensation.
Should a proficiency test be cancelled based on the decision of the Management or of the Administration Board, the test would then be postponed.
In case one or several parameters of a test are cancelled, the concerned parameters will not be systematically provided again, unless otherwise decided by the Administration Board.

9. Analysis of the test materials

The laboratory should start analyses as soon as possible, during the recommended period to start the sample treatment (P.R.D.T.). This period corresponds to the time interval during which the materials' quality is optimal under the recommended preservation conditions. After this period, failures may occur and interfere with the assessment of the analytical performance of laboratories, without involving AGLAE's liability.
For laboratories outside France, delivery times may be systematically superior to the recommended period to start the sample treatment. Laboratories should check their delivery delay in comparison with the P.R.D.T.
The laboratory shall return results. For almost all tests, results are entered via the Member Area. They must be reported and validated by the deadline defined by AGLAE. Beyond this deadline, results that have not been validated will not be statistically treated. AGLAE will not be liable for that. Should the number of results be insufficient, AGLAE reserves the right to not assess the participants' analytical performance, but comments on the results will be made based on the information in our possession.
The laboratory shall not, in any case, disclose its results to any party (other than AGLAE); anyway before test reports are issued.

10. Test reports

The objective is to issue test reports as soon as possible. The delay varies between 1 and 10 weeks depending on the difficulty met with data processing (number of parameters, deviations between methods). Our average delay to issue test reports is 2 weeks. A provisional date is given for each test: however, these dates are not contractual.
Note that test reviews and test reports have to be downloaded from the Member Area of AGLAE's web site. They are available for all the participants registered for the test. If the laboratory wishes to appeal following its performance assessment, it must contact AGLAE's Quality Manager in writing (email or postal mail).

11. Data ownership

Produced data (in particular precision values) belong solely to the Association. They are only aimed at laboratories which participated in the test, for internal use of quality management and check or evidence* of their analytical performance.
Report's reproduction is authorised in its entirety only.
Any use other than those defined above requires preliminary approval from AGLAE under penalty of prosecution; whether it is a usage or communication (full or partial) by laboratories which participated in the test or by third parties.

12. Data protection

AGLAE processes personal data that you provide when registering but also during the proficiency testing scheme in compliance with legal obligations.
For more information with regard to the processing of personal data, you may read the section about personal data on www.association-aglae.fr.

13. Safety policy and respect for the environment

When registering for our tests, laboratories agree to handle samples and dispose of their waste in accordance with the usual caution and current regulations.

Should there be any differences between the French and English versions of this document, the French version shall prevail.

*: evidence to their clients, accreditation bodies or Ministries in the frame of approvals

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