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ORGANIC POLLUTANTS IN FRESH WATERS





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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



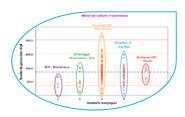
- The number of evaluations per year for each parameter is specified in the catalogue, concentration levels and stabilisation are available on request.
- AGLAE uses "express" shipments for your samples and makes sure of their distribution to your laboratory.
- A sufficient delay to analyse and the report 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' 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,
- 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 fees)	Discount
3000 ≤ Amount < 6000 € excl. VAT	5%
6000 ≤ Amount < 9000 € excl. VAT	10%
Amount ≥ 9000 € excl. VAT	15%

And exclusively for AGLAE's members: experimental tests at an attractive price during the year



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.



550 € excl. VAT – total amount for 1 test (excluding transport costs)

53 participants in 2022 - EXPERIENCE > 25 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 280 € excl. VAT (excluding transport costs)

New:

1,1,1,2-tetrachloroethane, 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene (= pseudocumene), 1,3,5-trimethylbenzene (= mesitylene), 1,3-dichloropropane, bromobenzene, bromochloromethane, dibromomethane, sec-butylbenzene

23M4C.1 - Clean water - sent in March 2023 - Refrigerated parcel

BTEX: 1,2,3-trimethylbenzene^[1], 1,2,4-trimethylbenzene^[1] (= pseudocumene), 1,3,5-trimethylbenzene^[1] (= mesitylene), benzene, bromobenzene^[1], ethylbenzene, isopropylbenzene, toluene, total xylenes, xylene ortho, xylene para + xylene meta

VOHs: 1,1,1,2-tetrachloroethane^[1], 1,2-dichloroethane, bromoform, bromochloromethane^[1], chloroform, dibromochloromethane, dibromomethane^[1], dichlorobromomethane, tetrachloroethylene, trichloroethylene, THMs*, vinyl chloride

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-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-dichloroethylene, 1,2-dichloroethylene (cis+trans), 1,2-dichloroethylene cis, 1,2-dichloroethylene trans, 1,2-dichloropropane, 1,3-dichloropropane^[1], 1,3-dichloropropene (cis+trans), 3-chloroprene (3-chloropropene), carbon tetrachloride, chloroprene, dichloromethane, hexachlorobutadiene, hexachloroethane, , methyl bromide (bromomethane), methyl ter-butyl ether (MTBE), sec-butylbenzene^[1]

Hexachlorobutadiene

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



PARTICULARITIES

'Environment approval': register also for the programme 4Cb. The parameters concerned by the French Order of the 27/10/11 completed by the order of the 19/10/19 will be at low concentration levels.

'Health approval': the specific programme 92 provides concentration levels appropriate for atypical and non-atypical mineral waters for BTEX (benzene, toluene, xylene ortho, xylene para + xylene meta, total xylene, ethylbenzene) and some VOHs.

*THM (= trihalomethanes): Sum of contents in chloroform + bromoform + dichlorobromomethane + dibromochloromethane.



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.



330 € excl. VAT – total amount for 1 test (excluding transport costs)

62 participants in 2022 - EXPERIENCE > 25 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 170 € excl. VAT (excluding transport costs)

New:

1,1,1,2-tetrachloroethane, 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene (= pseudocumene), 1,3,5-trimethylbenzene (= mesitylene), 1,3-dichloropropane, bromobenzene, bromochloromethane, dibromomethane, sec-butylbenzene

23M4Cb.1 - Clean water - sent in November 2023 - Refrigerated parcel

BTEX: 1,2,3-trimethylbenzene^[1], 1,2,4-trimethylbenzene^[1] (= pseudocumene), 1,3,5-trimethylbenzene^[1] (= mesitylene), benzene, bromobenzene^[1], ethylbenzene, isopropylbenzene, toluene, total xylenes, xylene ortho, xylene para + xylene meta

VOHs: 1,1,1,2-tetrachloroethane^[1], 1,2-dichloroethane, bromoform, bromochloromethane^[1], chloroform, dibromochloromethane, dibromomethane^[1], dichlorobromomethane, tetrachloroethylene, trichloroethylene, THMs*, vinyl chloride

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, 1,2-dichloropropane, 1,3-dichloropropane^[1], 1,3-dichloropropene (cis+trans), 3-chloroprene (3-chloropropene), carbon tetrachloride, chloroprene, dichloromethane, hexachlorobutadiene, hexachloroethane, methyl bromide (bromomethane), methyl ter-butyl ether (MTBE), sec-butylbenzene^[1]

Hexachlorobutadiene

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



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 the French Order of 27/10/11 completed by the order of the 19/10/19 for the relevant parameters (as long as it is possible to maintain the quality of the test).

'Health approval': the specific programme 92 provides concentration levels appropriate for atypical and non-atypical mineral waters for BTEX (benzene, toluene, xylene ortho, xylene para + xylene meta, total xylene, ethylbenzene) and some VOHs.

*THM (= trihalomethanes):

Sum of contents in chloroform + bromoform + dichlorobromomethane + dibromochloromethane.



PROGRAMME 20A: CHLOROPHENOLS IN FRESH WATERS



255 € excl. VAT – total amount for 2 tests (excluding transport costs)

36 participants in 2022 - EXPERIENCE > 10 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 65 € excl. VAT (excluding transport costs)

New:

2,3-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol,

2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol

23M20A.1 - Natural water - sent in January 2023 - Refrigerated parcel

2-chlorophenol, 3-chlorophenol, 4-chlorophenol, chlorophenols (sum of the 3 isomers),

2,3-dichlorophenol^[1], 2,4-dichlorophenol,

2,6-dichlorophenol^[1], 3,4-dichlorophenol^[1],

3,5-dichlorophenol^[1], dichlorophenols (sum of the 6 isomers), 2,3,4-trichlorophenol^[1],

2,3,5-trichlorophenol^[1], 2,3,6-trichlorophenol^[1],

2,4,5-trichlorophenol, 2,4,6-trichlorophenol,

3,4,5-trichlorophenol^[1], trichlorophenols (sum of the 6 isomers), pentachlorophenol, 4-chloro-3-methylphenol

23M20A.2 - Natural water - sent in May 2023 - Refrigerated parcel

2-chlorophenol, 3-chlorophenol, 4-chlorophenol, chlorophenols (sum of the 3 isomers),

2,3-dichlorophenol^[1], 2,4-dichlorophenol,

2,6-dichlorophenol^[1], 3,4-dichlorophenol^[1],

3,5-dichlorophenol^[1], dichlorophenols (sum of the 6 isomers), 2,3,4-trichlorophenol^[1],

2,3,5-trichlorophenol^[1], 2,3,6-trichlorophenol^[1],

2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol^[1], trichlorophenols (sum of the 6 isomers), pentachlorophenol, 4-chloro-3-methylphenol

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

PARTICULARITIES





PROGRAMME 21A: ALKYLPHENOLS IN FRESH WATERS



185 € excl. VAT – total amount for 2 tests (excluding transport costs)

23 participants in 2022 - 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)

23M21A.1 - Natural water - sent in January 2023 - Refrigerated parcel

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

23M21A.2 - Natural water - sent in May 2023 - Refrigerated parcel

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

PARTICULARITIES





PROGRAMME 22A: CHLOROANILINES IN FRESH WATERS



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

14 participants in 2022 - 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)

23M22A.1 - Natural water - sent in January 2023 - Refrigerated parcel

2-chloroaniline, 3-chloroaniline, 4-chloroaniline, Chloroanilines (sum of the 3 isomers), 3,4-dichloroaniline, 4-chloro-2-nitroaniline

23M22A.2 - Natural water - sent in May 2023 - Refrigerated parcel

2-chloroaniline, 3-chloroaniline, 4-chloroaniline, Chloroanilines (sum of the 3 isomers), 3,4-dichloroaniline, 4-chloro-2-nitroaniline

PARTICULARITIES





PROGRAMME 23A: ORGANOTIN COMPOUNDS IN FRESH WATERS



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

16 participants in 2022 – 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)

New:

Dioctyltin cation

23M23A.1 - Natural water - sent in February 2023 - Refrigerated parcel

monobutyltin cation, dibutyltin cation, dioctyltin cation^[1], tributyltin cation, triphenyltin cation, tetrabutyltin

23M23A.2 - Natural water - sent in July 2023 - Refrigerated parcel

monobutyltin cation, dibutyltin cation, dioctyltin cation^[1] tributyltin cation, triphenyltin cation, tetrabutyltin

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

PARTICULARITIES





PROGRAMME 24A: BROMINATED DIPHENYL ETHERS IN FRESH WATERS



245 € excl. VAT – total amount for 2 tests (excluding transport costs)

16 participants in 2022 – EXPERIENCE > 10 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 65 € excl. VAT (excluding transport costs)

23M24A.1 - Natural water - sent in February 2023 - Refrigerated parcel

BDE-28, BDE-47, BDE-99, BDE-100, BDE-153, BDE-154, BDE-183, BDE-209

23M24A.2 - Natural water - sent in October 2023 - Refrigerated parcel

BDE-28, BDE-47, BDE-99, BDE-100, BDE-153, BDE-154, BDE-183, BDE-209

PARTICULARITIES





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



392 € excl. VAT – total amount for 2 tests (excluding transport costs)

14 participants in 2022 – EXPERIENCE 4 YEARS

23M24C.1 - Natural water - sent in April 2023 - Refrigerated parcel

alpha-HBCDD (alpha-hexabromocyclododecane) beta-HBCDD (beta-hexabromocyclododecane) gamma-HBCDD (gamma-hexabromocyclododecane) total HBCDD (total hexabromocyclododecane)

23M24C.2 - Waste water - sent in October 2023 - Refrigerated parcel

alpha-HBCDD (alpha-hexabromocyclododecane) [1] beta-HBCDD (beta-hexabromocyclododecane) [1] gamma-HBCDD (gamma-hexabromocyclododecane) [1] total HBCDD (total hexabromocyclododecane) HBB (hexabromobiphenyl) [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.

For the isomers of HBCDD in waste waters: alpha, beta and gamma, 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.



PROGRAMME 25A: BIPHENYL IN FRESH WATERS



211 € excl. VAT – total amount for 2 tests (excluding transport costs)

15 participants in 2022 – 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)

23M25A.1 - Natural water - sent in February 2023 - Refrigerated parcel

biphenyl

23M25A.2 - Natural water - sent in November 2023 - Refrigerated parcel

biphenyl

PARTICULARITIES





PROGRAMME 26A: PHTHALATES IN FRESH WATERS



227 € excl. VAT – total amount for 2 tests (excluding transport costs)

31 participants in 2022 – EXPERIENCE > 10 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 60 € excl. VAT (excluding transport costs)

23M26A.1 - Natural water - sent in February 2023 - Refrigerated parcel

BBzP (Butyl benzyl phthalate), DBP (Dibutylphthalate), DEHP (Di(2-ethylhexyl)phthalate), DEP (Diethylphthalate), DMP (Dimethylphthalate), DiBP (Diisobutylphthalate)

23M26A.2 - Natural water - sent in November 2023 - Refrigerated parcel

BBzP (Butyl benzyl phthalate), DBP (Dibutylphthalate), DEHP (Di(2-ethylhexyl)phthalate), DEP (Diethylphthalate), DMP (Dimethylphthalate), DiBP (Diisobutylphthalate)

PARTICULARITIES





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



217 € excl. VAT – total amount for 2 tests (excluding transport costs)

12 participants in 2022 – 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)

23M27A.1 - Natural water - sent in April 2023 - Refrigerated parcel

C10-C13 chloroalkanes

23M27A.2 - Natural water - sent in October 2023 - Refrigerated parcel

C10-C13 chloroalkanes



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.



244 € excl. VAT – total amount for 2 tests (excluding transport costs)

24 participants in 2022 - EXPERIENCE > 10 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 65 € excl. VAT (excluding transport costs)

23M28A.1 - Clean water - sent in March 2023 - Refrigerated parcel

bromoacetic acid, bromochloroacetic acid, bromodichloroacetic acid, chloroacetic acid, dibromoacetic acid, dibromochloroacetic acid^[1], dichloroacetic acid, tribromoacetic acid^[1], trichloroacetic acid, sum of the 5 haloacetic acids: chloroacetic acid + dichloroacetic acid + trichloroacetic acid + bromoacetic acid + dibromoacetic acid

23M28A.2 - Clean water - sent in October 2023 - Refrigerated parcel

bromoacetic acid, bromochloroacetic acid, bromodichloroacetic acid, chloroacetic acid, dibromoacetic acid, dibromochloroacetic acid^[1], dichloroacetic acid, tribromoacetic acid^[1], trichloroacetic acid, sum of the 5 haloacetic acids: chloroacetic acid + dichloroacetic acid + trichloroacetic acid + bromoacetic acid + dibromoacetic acid

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

PARTICULARITIES





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.



185 € excl. VAT – total amount for 2 tests (excluding transport costs)

19 participants in 2022 - 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)

23M29A.1 - Clean water - sent in April 2023 - Refrigerated parcel

epichlorohydrin

23M29A.2 - Natural water - sent in December 2023 - Refrigerated parcel

epichlorohydrin



PROGRAMME 52: AOX IN WATERS



331 € excl. VAT – total amount for 4 tests (excluding transport costs)

40 participants in 2022 – 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)

23M52.1 - Clean water - sent in January 2023 - Refrigerated parcel

AOX

23M52.2 - Waste water - sent in July 2023 - Refrigerated parcel

AOX, SPE-AOX^[1]

23M52.3 - Clean water - sent in September 2023 - Refrigerated parcel

AOX

23M52.4 - Waste water - sent in November 2023 - Refrigerated parcel

AOX, SPE-AOX^[1]



PROGRAMME 54: TOXINS OF CYANOBACTERIA IN FRESH WATERS



1680 € excl. VAT – total amount for 2 tests (excluding transport costs)

16 participants in 2022 – EXPERIENCE > 15 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 420 € excl. VAT (excluding transport costs)

23M54.1 - Natural water - sent in March 2023 - Refrigerated parcel

microcystin-LR, microcystin-RR, microcystin-YR microcystins by ELISA^[1] test

23M54.2 - Natural water - sent in August 2023 - Refrigerated parcel

microcystin-LR, microcystin-RR, microcystin-YR microcystins by ELISA^[1] test

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

PARTICULARITIES

For the microcystins' analyses by ELISA test, it is possible that the number of results reported is not sufficient for statistical processing of the data. In this case, only an overview of the data will be presented in the test report (no z-scores calculation).



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.



444 € excl. VAT – total amount for 2 tests (excluding transport costs)

30 participants in 2022 – EXPERIENCE > 15 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 115 € excl. VAT (excluding transport costs)

23M55.1 - Clean water - sent in March 2023 - Refrigerated parcel

AMPA, aminotriazole, glufosinate, glyphosate

23M55.2 - Clean water - sent in August 2023 - Refrigerated parcel

AMPA, aminotriazole, glufosinate, glyphosate



PROGRAMME 57: PHARMACEUTICALS IN FRESH WATERS

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



807 € excl. VAT – total amount for 2 tests (excluding transport costs)

30 participants in 2022 - EXPERIENCE > 10 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 205 € excl. VAT (excluding transport costs)

23M57.1 - Clean water - sent in March 2023 - Refrigerated parcel

1-hydroxy ibuprofen^[1], 2-hydroxy ibuprofen^[1], acetazolamide^[1], caffeine, cyclophosphamide, erythromycin, estrone, ethynylestradiol, fenofibric acid, ibuprofen, lorazepam, metformin, metoprolol, metronidazole, oxazepam, paracetamol, sotalol, sulfamethazine, sulfamethoxazole

1,7-dimethylxanthine^[1], acetylsalicylic acid^[1], atenolol, carbamazepine, carbamazepine epoxide, carboxyibuprofen^[1], ciprofloxacin^[1], cotinine, diazepam, diclofenac, ketoprofen, niflumic acid, norethindrone, ofloxacin, tramadol, triclocarban

23M57.2 - Natural water - sent in August 2023 - Refrigerated parcel

1-hydroxy ibuprofen^[1], 2-hydroxy ibuprofen^[1], acetazolamide^[1], caffeine, cyclophosphamide, erythromycin, estrone, ethynylestradiol, fenofibric acid, ibuprofen, lorazepam, metformin, metoprolol, metronidazole, oxazepam, paracetamol, sotalol, sulfamethazine, sulfamethoxazole

1,7-dimethylxanthine^[1], acetylsalicylic acid^[1], atenolol, carbamazepine, carbamazepine epoxide, carboxyibuprofen^[1], ciprofloxacin^[1], cotinine, diazepam, diclofenac, ketoprofen, niflumic acid, norethindrone, ofloxacin, tramadol, triclocarban

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

PARTICULARITIES





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.



205 € excl. VAT – total amount for 2 tests (excluding transport costs)

24 participants in 2022 – 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)

23M58.1 - Clean water - sent in April 2023 - Refrigerated parcel

bisphenol A, bisphenol S

23M58.2 - Clean water - sent in August 2023 - Refrigerated parcel

bisphenol A, bisphenol S

PARTICULARITIES





PROGRAMME 59: PERFLUORINATED COMPOUNDS IN FRESH WATERS



479 € excl. VAT – total amount for 2 tests (excluding transport costs)

39 participants in 2022 – EXPERIENCE 10 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 120 € excl. VAT (excluding transport costs)

New:

PFBS [CAS 375-73-5], PFDoDS [CAS 79780-39-5], PFHpS [CAS 375-92-8], PFTrDS [CAS 791563-89-8], PFUnDS [CAS 749786-16-1]

23M59.1 - Natural water - sent in May 2023 - Refrigerated parcel

PFBA [CAS 375-22-4], PFBS^[1] [CAS 375-73-5],
PFDA [CAS 335-76-2], PFDS [CAS 335-77-3],
PFDoDA [CAS 307-55-1] (=PFDoA),
PFDoDS^[1] [CAS 79780-39-5],
PFHpA [CAS 375-85-9], PFHpS^[1] [CAS 375-92-8],
PFHxA [CAS 307-24-4], PFHxS [CAS 355-46-4] (=PFHS),
PFNA [CAS 375-95-1], PFNS [CAS 68259-12-1],
PFOA [CAS 335-67-1], PFOS [CAS 1763-23-1],
PFPeA [CAS 2706-90-3], PFPeS [CAS 2706-91-4],

PFTrDA [CAS 72629-94-8], PFTrDS^[1] [CAS 791563-89-8], PFUnDA [CAS 2058-94-8], PFUnDS^[1] [CAS 749786-16-1]

23M59.2 - Natural water - sent in September 2023 - Refrigerated parcel

PFBA [CAS 375-22-4], PFBS^[1] [CAS 375-73-5],
PFDA [CAS 335-76-2], PFDS [CAS 335-77-3],
PFDoDA [CAS 307-55-1] (=PFDoA),
PFDoDS^[1] [CAS 79780-39-5],
PFHpA [CAS 375-85-9], PFHpS^[1] [CAS 375-92-8],
PFHxA [CAS 307-24-4], PFHxS [CAS 355-46-4] (=PFHS),
PFNA [CAS 375-95-1], PFNS [CAS 68259-12-1],
PFOA [CAS 335-67-1], PFOS [CAS 1763-23-1],
PFPeA [CAS 2706-90-3], PFPeS [CAS 2706-91-4],

PFTrDA [CAS 72629-94-8], PFTrDS^[1] [CAS 791563-89-8], PFUnDA [CAS 2058-94-8], PFUnDS^[1] [CAS 749786-16-1]

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

PARTICULARITIES





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.



838 € excl. VAT – total amount for 2 tests (excluding transport costs)

48 participants in 2022 - EXPERIENCE > 25 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 210 € excl. VAT (excluding transport costs)

23M64.1 - Clean water - sent in January 2023 - Refrigerated parcel

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

PCBs: congener 28, congener 52, congener 101, congener 118, congener 138, congener 153, congener 180, congener 194

23M64.2 - Clean water - sent in June 2023 - Refrigerated parcel

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

PCBs: congener 28, congener 52, congener 101, congener 118, congener 138, congener 153, congener 180, congener 194



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.



509 € excl. VAT – total amount for 2 tests (excluding transport costs)

51 participants in 2022 - 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)

23M65A.1 - Clean water - sent in March 2023 - Refrigerated parcel

Pesticides and degradation residues - list 1

23M65A.2 - Natural water - sent in October 2023 - Refrigerated parcel

Pesticides and degradation residues - list 1

PARTICULARITIES

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

Pesticides and degradation residues - list 1: 2,4'-DDD, 2,4'-DDE, 2,4'-DDD, 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^[1], 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



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.



540 € excl. VAT – total amount for 2 tests (excluding transport costs)

52 participants in 2022 – EXPERIENCE > 25 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 140 € excl. VAT (excluding transport costs)

23M65B.1 - Clean water - sent in March 2023 - Refrigerated parcel

Pesticides and degradation residues - list 2

23M65B.2 - Natural water - sent in October 2023 - Refrigerated parcel

Pesticides and degradation residues - list 2

PARTICULARITIES

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

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, desethylatrazine, 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^[1], propazine, propiconazole, propyzamide, pyrimethanil, simazine, tebuconazole, terbumeton, terbuthylazine, terbutryn, tetraconazole, tolyltriazole



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.



453 € excl. VAT – total amount for 2 tests (excluding transport costs)

42 participants in 2022 – EXPERIENCE > 5 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 115

Order additional test samples (parcel in its entirety): 115 € excl. VAT (excluding transport costs)

23M65C.1 - Clean water - sent in March 2023 - Refrigerated parcel

Pesticides and degradation residues - list 3

23M65C.2 - Natural water - sent in November 2023 - Refrigerated parcel

Pesticides and degradation residues - list 3

PARTICULARITIES

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

Pesticides and degradation residues - list 3: 1-(3,4-dichlorophenyl)-3-methylurea(= demethyl diuron), asulame, atrazine 2-hydroxy-desethyl, atrazine deisopropyl desethyl, benfluralin^[1], 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



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.



258 € excl. VAT – total amount for 2 tests (excluding transport costs)

26 participants in 2022 – 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)

23M65D.1 - Clean water - sent in February 2023 - Refrigerated parcel

beflubutamid, benoxacor, bixafen, cadusafos, clethodim^[1], daminozide, dichlobenil, fipronil sulfone, galaxolide, maleic hydrazide,

N-butylbenzenesulfonamide (NBBS), N,N-dimethyl-N'-P-tolylsulphamide (DMST), triflusulfuron-methyl

chlormequat, diquat, fosetyl aluminium, mepiquat, paraquat^[1]

23M65D.2 - Clean water - sent in December 2023 - Refrigerated parcel

beflubutamid, benoxacor, bixafen, cadusafos, clethodim^[1], daminozide, dichlobenil, fipronil sulfone, galaxolide, maleic hydrazide,

N-butylbenzenesulfonamide (NBBS), N,N-dimethyl-N'-P-tolylsulphamide (DMST), triflusulfuron-methyl

chlormequat, diquat, fosetyl aluminium, mepiquat, paraquat^[1]

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

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 estimated from reproducibility values observed during previous tests.



PROGRAMME 65E: PARABENS IN FRESH WATERS

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



211 € excl. VAT – total amount for 2 tests (excluding transport costs)

10 participants in 2022 – EXPERIENCE 4 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 55 € excl. VAT (excluding transport costs)

23M65E.1 - Clean water - sent in February 2023 - Refrigerated parcel

ethylparaben, methylparaben, propylparaben

23M65E.2 - Natural water - sent in October 2023 - Refrigerated parcel

ethylparaben, methylparaben, propylparaben

PARTICULARITIES





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.

761 € HT – total amount for 2 tests (excluding transport costs)

36 participants in 2022 – EXPERIENCE: 1 YEAR



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 225 € excl. VAT for 23M65F.1 and 160 € excl. VAT for 23M65F.2 (excluding transport costs)

New:

acifluorfen, aldicarb-sulfone, aldicarb-sulfoxide, atrazine deisopropyl 2-hydroxy, buturon, clodinafop-propargyl, clopyralid, cloquintocet-mexyl, desmethyl-norflurazon, diethofencarb, fluxapyroxad, imazametabenz, imazamethabenz-methyl, mepanipyrim (mepanipyr), methoxyfenozide, metrafenone, molinate, neburon, N,N-Dimethylsulfamide (DMS), oxamyl, prometon, secbumeton, simetryn, spirotetramat, tebuthiuron, terbuthylazine desethyl-2-hydroxy, triadiméfon, triflumuron, triticonazole

23M65F.1 - Clean water - sent in January 2023 - Refrigerated parcel

Pesticides and degradation residues - list 5.1

23M65F.2 - Clean water - sent in June 2023 - Refrigerated parcel

Pesticides and degradation residues - list 5.2

PARTICULARITIES

Pesticides and degradation residues - list 5.1:

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, 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, fluazifop-P-butyl, fluoxastrobine, fluquinconazole, flutriafol, iprovalicarb, isoxaben, metalaxyl, monolinuron, myclobutanil, norflurazon, paclobutrazole, penconazole, pencycuron, picoxystrobine, pinoxaden, propanil (3,4-DCPA or DCPA), propoxur, pyraclostrobine, pyroxsulame, quintozene (terrachlor or pentachloronitrobenzene PCNB), sebuthylazine, simazine-hydroxy, tebufenozide, thiacloprid, triallate, triasulfuron, tribenuronmethyl (tribenuron), trifloxystrobine, tritosulfuron (biathlon), vinclozoline, zoxamide (zoxium)



Pesticides and degradation residues - list 5.2:

acifluorfen, aldicarb-sulfone, aldicarb-sulfoxide, atrazine deisopropyl 2-hydroxy, buturon, clodinafop-propargyl, clopyralid, cloquintocet-mexyl, desmethyl-norflurazon, diethofencarb, fluxapyroxad, imazametabenz, imazamethabenz-methyl, mepanipyrim (mepanipyr), methoxyfenozide, metrafenone, molinate, neburon, N,N-Dimethylsulfamide (DMS), oxamyl, prometon, secbumeton, simetryn, spirotetramat, tebuthiuron, terbuthylazine desethyl-2-hydroxy, triadiméfon, triflumuron, triticonazole



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 nonatypical natural mineral waters.

145 € excl. VAT – total amount for 1 test (excluding transport costs)

26 participants in 2022 – EXPERIENCE: 1 YEAR

transport costs)



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 75 € excl. VAT (excluding

New: ethephon, fonofos, oxychlordane, oxyfluorfen, sulfotep

23M65G.1 - Clean water - sent in April 2023 - Refrigerated parcel

Pesticides and degradation residues - list 6

PARTICULARITIES

Pesticides and degradation residues - list 6:

Azinphos-ethyl, azinphos-methyl, bifenthrine, bromophos-ethyl, bromophos-methyl, cyfluthrine, dicofol (kelthane), endosulfan sulfate, ethephon, fenpropathrine, fenthion, fonofos, isofenphos, methidathion, methoxychlor (DMDT or methoxy-DDT), mevinphos (phosdrin or duraphos), oxychlordane, oxyfluorfen, permethrin, pethoxamid, phosalone (benzphos or zolone), pyrimiphos-ethyl, sulfotep, terbuphos, triazophos, vamidothion



PROGRAMME 66: THMS IN SWIMMING POOL WATERS



170 € excl. VAT – total amount for 2 tests (excluding transport costs)

44 participants in 2022 - EXPERIENCE > 5 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 45 € excl. VAT (excluding transport costs)

23M66.1 - Swimming pool water - sent in May 2023 - Refrigerated parcel

bromoform, chloroform, dibromochloromethane, dichlorobromomethane, trihalomethanes (THMs)

23M66.2 - Swimming pool water - sent in October 2023 - Refrigerated parcel

bromoform, chloroform, dibromochloromethane, dichlorobromomethane, trihalomethanes (THMs)

PARTICULARITIES

THMs (= trihalomethanes):

sum of the contents of chloroform + bromoform + dichlorobromomethane + dibromochloromethane



PROGRAMME 67: ACRYLAMIDE IN FRESH WATERS

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



188 € excl. VAT – total amount for 2 tests (excluding transport costs)

(excluding transport costs)

20 participants in 2022 – EXPERIENCE > 5 YEARS



Need to test another method, evaluate your staff?

Order additional test samples (parcel in its entirety): 50 € excl. VAT

23M67.1 - Clean water - sent in February 2023 - Refrigerated parcel

acrylamide

23M67.2 - Natural water - sent in September 2023 - Refrigerated parcel

acrylamide

PARTICULARITIES





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



386 € excl. VAT – total amount for 2 tests (excluding transport costs)

27 participants in 2022 - 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)

New:

Dimethachlor CGA 369873, Dimethachlor ESA (Dimethachlor CGA 354742), Propachlor ESA, Propachlor OXA

23M69.1 - Clean water - sent in April 2023 - Refrigerated parcel

Acetochlor ESA, Acetochlor OXA, Alachlor ESA,

Alachlor OXA, Dimethachlor CGA 369873 ^[1], Dimethachlor ESA^[1] (Dimethachlor CGA 354742), Dimethachlor OXA, Dimethenamid ESA, Dimethenamid OXA, Flufenacet ESA, Flufenacet OXA, Metazachlor ESA, Metazachlor OXA, Metolachlor ESA,

Metolachlor NOA 413173^[1], Metolachlor OXA, Propachlor ESA^[1], Propachlor OXA^[1]

23M69.2 - Natural water - sent in December 2023 - Refrigerated parcel

Acetochlor ESA, Acetochlor OXA, Alachlor ESA,

Alachlor OXA, Dimethachlor CGA 369873 $^{[1]}$, Dimethachlor ESA $^{[1]}$ (Dimethachlor CGA 354742), Dimethachlor OXA, Dimethenamid ESA , Dimethenamid OXA, Flufenacet ESA , Flufenacet OXA, Metazachlor ESA, Metazachlor OXA, Metolachlor ESA,

Metolachlor NOA 413173^[1], Metolachlor OXA, Propachlor ESA^[1], Propachlor OXA^[1]