

2024 SCHEME – AGLAE’S PROFICIENCY TESTS

Find the content of each programme in the catalogues:

‘Environment – Cosmetics’ or

‘Medical biology – Hospital hygiene – Water microbiology’

An English version of the test documents is available for almost all the tests.

Medical Biology	No. of tests
80 Cytobacteriology of urines	4
80A Urinary antigens - <i>Legionella</i>	2
80B Urinary antigens - pneumococcus	2
84 Bacteriology of stool: culture and PCR	4
85 Blood culture - bacteraemia - complete analysis: culture and PCR	4
85A Blood culture - qualitative culture	4
87 Cytobacteriology of the cerebrospinal fluid	2
88 Bacteriology of sputum	2
89 Blood culture - fungaemia: culture and PCR	2
119 Screening for <i>Streptococcus agalactiae</i> or streptococcus B	1
Control of some critical steps (sub-process)	No. of tests
117 Bacteriology - Microscopic examination in neutral solution - Wet mount and Gram stain	2
117A Bacteraemia - Microscopic examination in blood - Wet mount and Gram stain	2
118 Antimicrobial Susceptibility Testing by diffusion - disk method	1
118A Antimicrobial Susceptibility Testing by diffusion - gradient method (MIC strips)	1

Biology and ecotoxicology	No. of tests
12 Macroinvertebrates of running waters	1
13 Ecotoxicology	2
16 Biological Diatom Index	1
34 Protozoans in fresh waters	2

Cosmetics	No. of tests
110 Challenge test in cosmetics	1
111 Aerobic mesophilic bacteria and yeast/mould in cosmetics	2
112 Specified microorganisms in cosmetics	2

Waters for medical use	No. of tests
82 Endotoxins in waters as described in the pharmacopoeia	2
83A Microbiology in waters similar to dialysate	2
83B Microbiology in waters similar to endoscope verification solutions	2
86 Indicator germs by filtration in bacteriologically controlled waters	2
86A Non-tuberculous mycobacteria in waters for medical use	1
86B Indicator germs in waters similar to pharmaceutical process waters	2

Water microbiology	No. of tests
11 Microbial indicators of faecal contamination by MPN method	4
30 Microbiology in clean waters	4
30A Spores of sulfite-reducing anaerobes in fresh surface waters and waste waters	4
31 <i>Pseudomonas aeruginosa</i> and pathogenic staphylococci in clean waters	4
31A Pathogenic staphylococci in saline waters	2
32 <i>Legionella</i> and <i>Legionella pneumophila</i> in clean waters by culture	3
33 <i>Legionella</i> and <i>Legionella pneumophila</i> in waste waters by culture	3
35 <i>Legionella</i> and <i>Legionella pneumophila</i> in clean waters by PCR	2
36 <i>Legionella</i> and <i>Legionella pneumophila</i> in waste waters by PCR	2
37 <i>Salmonella</i> in fresh waters	2
38 Yeasts in clean waters	2
38A Mould in clean waters	2
130 Bacteriophages in waters	2

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Sampling and <i>in situ</i> measurements	No. of tests
100A-C <i>In situ</i> measurements and sampling in different types of waters - Nord - Rhône	1
101A-C Sampling using automatic samplers in treatment plant - Nord - Rhône	1
100D <i>In situ</i> measurements and sampling in different types of waters - Creuse	1
101D Sampling using automatic samplers in treatment plant - Creuse	1
102D Flowmetry - Creuse	1

Base parameters and indicators in waters	
Fresh waters and drinking waters	No. of tests
1A Chemical analyses in fresh waters	2
1Ab Chemical analyses in fresh waters at low concentration levels	1
1B Indicators in fresh waters	2
1C Chlorophyll a and pheopigments index in fresh waters	2
1D Field parameters in fresh waters	2
1E Dissolved oxygen in fresh waters	2
1G Dry residue in fresh waters	2
50 Perchlorates and disinfection by-products in fresh waters	2
91 Odour and flavour in waters intended for human consumption	2
Atypical mineral waters	No. of tests
50B Disinfection by-products in highly mineralised mineral waters	1
90 Chemical analyses in sparkling waters	1
90A Chemical analyses in highly mineralised mineral waters	1
90B Dissolved CO ₂ in sparkling waters	1
93 Dry residue in atypical natural mineral waters	2
Swimming pool waters	No. of tests
1H Field parameters and indicators in swimming pool waters	2
50A Disinfection by-products in swimming pool waters	1
Saline waters	No. of tests
6 Chemical analyses in saline waters	2
6A Dissolved oxygen in saline waters	1

Base parameters and indicators in waters (continued)	
Waste waters	No. of tests
2A Chemical analyses in waste waters	2
2B Indicators in waste waters	2
2C Indicators in waste waters at low concentration levels	1
2D Field parameters in waste waters	2
2F ST-COD at low contents in waste waters	1
2G Dry residue in waste waters	2

Metals in waters	
Fresh waters	No. of tests
3A Metals in fresh waters	3
3G Additional metals in fresh waters	1
3D Cr ⁶⁺ in waters*	2
Waste waters	No. of tests
3B Metals in waste waters	3
3D Cr ⁶⁺ in waters*	4
Saline waters	No. of tests
7 Metals in saline waters	1
Atypical and non-atypical mineral waters	No. of tests
3C Metals in non-atypical natural mineral waters	2
3E Metals in sparkling waters	1
3F Metals in highly mineralised mineral waters	1

Indexes in waters	
5A Global indexes in fresh waters	No. of tests 2
5B Global indexes in waste waters	2
5C Total hydrocarbons index in waters*	4
5D Volatile hydrocarbons index in waters*	3

Number of tests per **matrix type**

* Alternation of matrices from one test to the next within the programme

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Organic pollutants	
Fresh waters	Tests No.
4C Volatile organohalogenes and benzene derivatives in fresh waters	1
4Cb Volatile organohalogenes and benzene derivatives in fresh waters at low concentration levels	1
5E Chelating agents in fresh waters	1
20A Chlorophenols in fresh waters	2
21A Alkylphenols in fresh waters	2
22A Chloroanilines in fresh waters	2
23A Organotin compounds in fresh waters	2
24A Brominated Diphenyl Ethers in fresh waters	2
24C HBCDD in fresh waters and HBCDD, HBB in waste waters*	1
25A Biphenyl in fresh waters	2
26A Phthalates in fresh waters	2
27A C10-C13 chloroalkanes (SCCPs) in fresh waters	2
28A Haloacetic acids in fresh waters	2
29A Epichlorohydrin in fresh waters	2
52 AOX in waters*	2
54 Toxins of cyanobacteria in fresh waters	2
55 Glyphosate, AMPA and other herbicides in fresh waters	2
57 Pharmaceuticals in fresh waters	2
58 Bisphenol A and S in fresh waters	2
59 Perfluorinated compounds in fresh waters	2
64 PAHs and PCBs in fresh waters	2
65A Pesticides and degradation residues - List 1 - in fresh waters	2
65B Pesticides and degradation residues – List 2 - in fresh waters	2
65C Pesticides and degradation residues - List 3 - in fresh waters	2
65D Pesticides and degradation residues - List 4 - in fresh waters	2
65E Parabens in fresh waters	2
65F Pesticides and degradation residues - List 5 - in fresh waters	2
65G Pesticides and degradation residues - List 6 - in fresh waters	1
67 Acrylamide in fresh waters	2
69 Metabolites of chloroacetamides in fresh waters	2
Swimming pool waters	Tests No.
66 THMs in swimming pool waters	2
Atypical and non-atypical mineral waters	Tests No.
92 BTEX and VOC in atypical and non-atypical natural mineral waters	2

Organic pollutants	
Waste waters	Tests No.
4E Volatile organohalogenes and benzene derivatives in waste waters	1
4Eb Volatile organohalogenes and benzene derivatives in waste waters at low concentration levels	1
4F Methanol in waste waters	1
20B Chlorophenols in waste waters	2
21B Alkylphenols in waste waters	2
22B Chloroanilines in waste waters	2
23B Organo-tin compounds in waste waters	2
24B Brominated Diphenyl Ethers in waste waters	2
24C HBCDD in fresh waters and HBCDD, HBB in waste waters*	1
25B Biphenyl in waste waters	2
26B DEHP in waste waters	2
27B C10-C13 chloroalkanes (SCCPs) in waste waters	2
28B Chloroacetic acid in waste waters	2
29B Epichlorohydrin in waste waters	2
52 AOX in waters*	2
55A Glyphosate, AMPA and aminotriazole in waste waters	2
59A Perfluorinated compounds in waste waters	2
59B AOF in waste waters	1
71 PAHs and PCBs in waste waters	2
72A Pesticides and degradation residues - List 1 - in waste waters	2
72B Pesticides and degradation residues - List 2 - in waste waters	2
73 Alkylphenol ethoxylates in waste waters	2
Solid matrices	
9 Chemical analyses and metals in sediments	2
10 Organic micropollutants in sediments*	2
40 Chemical analyses and metals in recoverable sewage sludges	2
41 Organic micropollutants in recoverable sewage sludges	2
43 Chemical analyses and metals in contaminated sites and soils	2
44 Organic micropollutants in contaminated sites and soils	2
46 Volatile Organic Compounds in solid matrices	1
47 Grain size distribution in solid matrices	2
51 Chemical analyses and metals in waste (leaching)	2
51A Cyanides and phenol index in waste (leaching)	1
51B Chemical analyses and metals in waste (leaching) - 'LAGA/ DepV'	1