

## 2023 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.*

Fresh waters			
<b>Base parameters</b>	No. of tests	<b>Organic pollutants</b>	No. of tests
<b>1A</b> Chemical analyses in fresh waters	2	<b>4C</b> VOHs and benzene derivatives in fresh waters	1
<b>1Ab</b> Chemical analyses in fresh waters at low concentration levels	1	<b>4Cb</b> VOHs and benzene derivatives in fresh waters at low concentration levels	1
<b>1D</b> Field parameters in fresh waters	2	<b>20A</b> Chlorophenols in fresh waters	2
<b>1E</b> Dissolved oxygen in fresh waters	2	<b>21A</b> Alkylphenols in fresh waters	2
<b>1G</b> Dry residue in fresh waters	2	<b>22A</b> Chloroanilines in fresh waters	2
<b>50</b> Perchlorates and disinfection by-products in fresh waters	2	<b>23A</b> Organotin compounds in fresh waters	2
<b>Organoleptic parameters</b>	No. of tests	<b>24A</b> Brominated Diphenyl Ethers in fresh waters	2
<b>91</b> Odour and flavour in waters intended for human consumption	2	<b>24C</b> HBCDD in fresh waters and HBCDD, HBB in waste waters	2*
<b>Metals</b>	No. of tests	<b>25A</b> Biphenyl in fresh waters	2
<b>3A</b> Metals in fresh waters	3	<b>26A</b> Phthalates in fresh waters	2
<b>3D</b> Cr <sup>6+</sup> in waters	4*	<b>27A</b> C10-C13 chloroalkanes (SCCPs) in fresh waters	2
<b>Indicators and indexes</b>	No. of tests	<b>28A</b> Haloacetic acids in fresh waters	2
<b>1B</b> Indicators in fresh waters	2	<b>29A</b> Epichlorohydrin in fresh waters	2
<b>1C</b> Chlorophyll a and pheopigments index in fresh waters	2	<b>52</b> AOX in waters	4*
<b>5A</b> Global indexes in fresh waters	2	<b>54</b> Toxins of cyanobacteria in fresh waters	2
<b>5C</b> Total hydrocarbons index in waters	4*	<b>55</b> Glyphosate, AMPA and other herbicides in fresh waters	2
<b>5D</b> Volatile hydrocarbons index in waters	3*	<b>57</b> Pharmaceuticals in fresh waters	2
		<b>58</b> Bisphenol A and S in fresh waters	2
		<b>59</b> Perfluorinated compounds in fresh waters	2
		<b>64</b> PAHs and PCBs in fresh waters	2
		<b>65A</b> Pesticides and degradation residues - List 1 - in fresh waters	2
		<b>65B</b> Pesticides and degradation residues – List 2 - in fresh waters	2
		<b>65C</b> Pesticides and degradation residues - List 3 - in fresh waters	2
		<b>65D</b> Pesticides and degradation residues - List 4 - in fresh waters	2
		<b>65E</b> Parabens in fresh waters	2
		<b>65F</b> Pesticides and degradation residues - List 5 - in fresh waters	2
		<b>65G</b> Pesticides and degradation residues - List 6 - in fresh waters	1
		<b>67</b> Acrylamide in fresh waters	2
		<b>69</b> Metabolites of chloroacetamides in fresh waters	2

\* Pay attention, matrices change from one test to another

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Non atypical natural mineral waters	
	No. of tests
<b>3C</b> Metals in non-atypical natural mineral waters	2
<b>92</b> BTEX and VOC in atypical and non-atypical natural mineral waters	2*

New

New

Atypical natural mineral waters	
	No. of tests
<b>3E</b> Metals in sparkling waters	1
<b>3F</b> Metals in highly mineralised mineral waters	1
<b>50B</b> Disinfection by-products in highly mineralised mineral waters	1
<b>90</b> Chemical analyses in sparkling waters	1
<b>90A</b> Chemical analyses in highly mineralised mineral waters	1
<b>90B</b> Dissolved CO <sub>2</sub> in sparkling waters	1
<b>92</b> BTEX and VOC in atypical and non-atypical natural mineral waters	2*
<b>93</b> Dry residue in atypical natural mineral waters	2
<b>94</b> PAHs and organochlorine pesticides in carbogaseous waters	1

Swimming pool waters			
Base parameters		Organic pollutants	
	No. of tests		No. of tests
<b>1H</b> Physico-chemical indicators in swimming pool waters	2	<b>66</b> THMs in swimming pool waters	2
<b>50A</b> Disinfection by-products in swimming pool waters	1		

Saline waters	
	No. of tests
<b>6</b> Chemical analyses in saline waters	2
<b>6A</b> Dissolved oxygen in saline waters	1
<b>7</b> Metals in saline waters	1

New

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

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Waste waters					
Base parameters and indicators		No. of tests	Organic pollutants		No. of tests
<b>2A</b>	Chemical analyses in waste waters	2	<b>22B</b>	Chloroanilines in waste waters	2
<b>2B</b>	Indicators in waste waters	2	<b>23B</b>	Organo-tin compounds in waste waters	2
<b>2C</b>	Indicators in waste waters at low concentration levels	1	<b>24B</b>	Brominated Diphenyl Ethers in waste waters	2
<b>2D</b>	Field parameters and colour in waste waters	2	<b>24C</b>	HBCDD, HBB in waste waters	2*
<b>New 2F</b>	ST-COD at low contents in waste waters	1	<b>25B</b>	Biphenyl in waste waters	2
Indexes and metals		No. of tests	<b>26B</b>	DEHP in waste waters	2
<b>3B</b>	Metals in waste waters	3*	<b>27B</b>	C10-C13 chloroalkanes (SCCPs) in waste waters	2
<b>3D</b>	Cr <sup>6+</sup> in waters	4*	<b>28B</b>	Chloroacetic acid in waste waters	2
<b>5B</b>	Global indexes in waste waters	2	<b>29B</b>	Epichlorohydrin in waste waters	2
<b>5C</b>	Total hydrocarbons index in waters	4*	<b>52</b>	AOX in waters	4*
<b>5D</b>	Volatile hydrocarbons index in waters	3*	<b>55A</b>	Glyphosate, AMPA and aminotriazole in waste waters	2
Organic pollutants		No. of tests	<b>59A</b>	Perfluorinated compounds in waste waters	2
<b>4E</b>	VOHs and benzene derivatives in waste waters	1	<b>71</b>	PAHs and PCBs in waste waters	2
<b>4Eb</b>	VOHs and benzene derivatives in waste waters at low concentration levels	1	<b>72A</b>	Pesticides and degradation residues - List 1 - in waste waters	2
<b>4F</b>	Methanol in waste waters	1	<b>72B</b>	Pesticides and degradation residues - List 2 - in waste waters	2
<b>20B</b>	Chlorophenols in waste waters	2	<b>73</b>	Alkylphenol ethoxylates in waste waters	2
<b>21B</b>	Alkylphenols in waste waters	2			

Chemistry in solid matrices		No. of tests
<b>9</b>	Chemical analyses and metals in sediments	2
<b>10</b>	Organic micropollutants in sediments	2
<b>40</b>	Chemical analyses and metals in recoverable sewage sludges	2
<b>41</b>	Organic micropollutants in recoverable sewage sludges	2
<b>43</b>	Chemical analyses and metals in contaminated sites and soils	2
<b>44</b>	Organic micropollutants in contaminated sites and soils	2
<b>New 46</b>	Volatile Organic Compounds in solid matrices	1
<b>51</b>	Chemical analyses and metals in waste (leaching)	2
<b>51A</b>	Cyanides and phenol index in waste (leaching)	1
<b>New 51C</b>	PAHs in bituminous waste	1
<b>120</b>	Solid fuel products	1

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

New

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

**Clean waters:** depending on the programmes, materials are suitable for the check of analyses in public distribution waters, non-atypical natural mineral waters, swimming pool waters, waters for whirlpool baths, waters for multi-jet showers, healthcare waters and bacteriologically controlled waters (check programmes' description).

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

New

New

New

New

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

Cosmetics	No. of tests
<b>110</b> Challenge test	1