



# Drinking Water

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# Drinking Water

In Europe, the legal frame that regulates the quality of water intended for human consumption is based on the new European Directive (EU) 2020/2184, December 16<sup>th</sup>, 2020.

For the purposes of this Directive 'water intended for human consumption' means

**a)** all water, either in its original state or after treatment, intended for drinking, cooking, food preparation or other domestic purposes in both public and private premises, regardless of its origin and whether it is supplied from a

distribution network, supplied from a tanker or put into bottles or containers, including spring waters;

**b)** all water used in any food business for the manufacture, processing, preservation or marketing of products or substances intended for human consumption.

Our Proficiency Testing Schemes for Drinking Water include the main physical-chemical indicators and microbiological pathogens used to assess the quality of this type of water.

## Drinking Water: Physical-chemical A

[ref. 990001]



Round I	Round II	Round III
<i>Week 9</i> <b>26<sup>th</sup> February 2024</b>	<i>Week 21</i> <b>20<sup>th</sup> May 2024</b>	<i>Week 38</i> <b>16<sup>th</sup> September 2024</b>
Aluminium Ammonium Antimony Bicarbonates Boron Cadmium Conductivity at 20°C Magnesium Manganese Nitrates Sodium Uranium	Arsenic Chlorides Colour Iron Mercury Nitrites Oxidability pH Potassium Selenium Zinc	Calcium Chromium Combined chlorine Copper Fluorides Free residual chlorine Lead Nickel Sulphates Total chlorine Turbidity

Metals will be determined as 'total metals'

## Drinking Water: Physical-chemical B

[ref. 990002]



Round I	Round II	Round III
<i>Week 9</i> <b>26<sup>th</sup> February 2024</b>	<i>Week 21</i> <b>20<sup>th</sup> May 2024</b>	<i>Week 38</i> <b>16<sup>th</sup> September 2024</b>
Aldrin Aluminium Ametryn Ammonium Antimony Atrazine Benzo-a-pyrene Benzo-b-fluoranthene Bicarbonates Boron Bromodichlorometane Cadmium Conductivity at 20°C Dibromochloromethane 1,2-Dichloroethane Dieldrin Magnesium Manganese Nitrates Sodium 1,1,1-Trichloroethane Uranium	Alfa-endosulfan Arsenic Benzene Benzo-g,h,i-perylene Bromoform Chloroform Chlorides Colour Heptachlor Iron Indeno-1,2,3-c,d-pyrene Mercury Nitrites Oxidability pH Potassium Propazine Selenium Terbutylazine Zinc	Benzo-k-fluoranthene Beta-endosulfan Calcium Chromium Combined chlorine Copper 4,4'-DDE Ethylbenzene Fluoranthene Fluorides Free residual chlorine Heptachlor epoxide Lead Nickel o-Xylene Simazine Sulphates Tetrachloroethene Total chlorine Trichloroethene Turbidity

Metals will be determined as 'total metals'

## Drinking Water: Physical-chemical C

[ref. 990003]



Round I	Round II
<p><i>Week 7</i> <b>12<sup>th</sup> February 2024</b></p>	<p><i>Week 37</i> <b>9<sup>th</sup> September 2024</b></p>
Barium Beryllium Bicarbonates Calcium Dry residue Hardness Vanadium	Anionic surfactants Cobalt Kjeldahl nitrogen Magnesium Silica Silver Total cyanides Total phosphorus

Metals will be determined as "total metals"

## Drinking Water: Physical-chemical D

[ref. 992981]

Round I	Round II
<p><i>Week 17</i> <b>22<sup>nd</sup> April 2024</b></p>	<p><i>Week 42</i> <b>14<sup>th</sup> October 2024</b></p>
Acrylamide Bisphenol A Bromates Bromides Bromoacetic acid Chloroacetic acid Dibromoacetic acid Dichloroacetic acid Sum of Haloacetic acids (HAA) Total organic carbon (TOC) Trichloroacetic acid Vinyl chloride	Chlorates Chlorites 2,4-D Diuron Geosmin Isoproturon 2-Methylisoborneol (MIB) MCPA Microcystines LR Perfluorooctanesulfonic acid (PFOS) Perfluorooctanoic acid (PFOA) Sum of PFAS

Rounds not included in the scope of accreditation

## Drinking Water: Microbiology

[ref. 990019]



Round I	Round II	Round III
<p><i>Week 7</i> <b>12<sup>th</sup> February 2024</b></p>	<p><i>Week 20</i> <b>13<sup>th</sup> May 2024</b></p>	<p><i>Week 37</i> <b>9<sup>th</sup> September 2024</b></p>
<p><i>Clostridium perfringens</i> Culturable microorganisms at 22°C Culturable microorganisms at 30°C Culturable microorganisms at 36°C Enterococci <i>Escherichia coli</i> Faecal coliforms <i>Salmonella</i> spp. Total coliforms</p>	<p><i>Clostridium perfringens</i> Culturable microorganisms at 22°C Culturable microorganisms at 36°C <i>Pseudomonas aeruginosa</i> Enterococci <i>Escherichia coli</i> Faecal coliforms Faecal estreptococci Total coliforms</p>	<p><i>Clostridium perfringens</i> Culturable microorganisms at 22°C Culturable microorganisms at 36°C Enterococci <i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i> Sulphite-reducing clostridia Total coliforms</p>

## Bottled Water: Microbiology

[ref. 990037]



Round I
<p><i>Week 22</i> <b>27<sup>th</sup> May 2024</b></p>
<p><i>Clostridium perfringens</i> Culturable microorganisms at 22°C Culturable microorganisms at 36°C <i>Pseudomonas aeruginosa</i> Enterococci <i>Escherichia coli</i> Sulphite-reducing clostridia Total coliforms</p>