



fapas[®]

**WATER AND
ENVIRONMENTAL
CHEMISTRY**

fera

Original thinking... applied

WATER AND ENVIRONMENTAL CHEMISTRY PROFICIENCY TESTS


Modern analytical techniques are allowing us to detect chemicals in water at ever decreasing concentrations, and this is changing our understanding of the pollutants that may be present in the environment, which can consequently be an issue for our drinking water. Regular monitoring of these diverse water types is required by governmental regulation to ensure the safety of the water we drink and the environment we live in.

Our extensive programme covers a wide range of water types including, drinking, waste, and surface waters, and is complemented by schemes for emergency chemical contamination, taste and odour chemical identification, and soil chemistry.

Quantity discounts (for materials purchased in a single order)

| Quantity Purchased | Discount Applied |
|--------------------------------|------------------|
| For product codes starting DWC | |
| 11 - 25 tests | 10% |
| 26 or more | 25% |
| For product codes starting WW | |
| 21 - 34 tests | 10% |
| 35 - 44 tests | 15% |
| 45 or more tests | 25% |


Note: The information in this price list is designed to assist you in choosing proficiency tests to meet your needs. Whilst every care has been taken in producing this information, we do not guarantee its accuracy. The Fapas® website is the definitive source of information about our proficiency tests. Orders are subject to the Fapas® terms and conditions, which are available on our website. Please check the website before placing your order.

Prices do not include taxes, import duties, inspection fees or carriage charges which are extra. Items indicated with  are sent frozen/chilled and incur higher carriage charges.


For typical analyte ranges please see pages 69 - 78.

DRINKING WATER

Acid Herbicides

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|-----------------|--------------|-------------------------|---|------------|-----------|
| DWC0913 | Drinking Water | Acid Herbicides | FWAH1-DRW1 | 1 litre + spiking conc. | | 28/06/2022 | 318 |


BTEX (Benzene, Toluene, Ethylbenzene, Xylene +)

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|----------|--------------|-------------------------|---|------------|-----------|
| DWC1124 | Drinking Water | BTEX | FWBT1-DRW1 | 1 litre + spiking conc. | | 15/02/2022 | 265 |
| DWC1125 | Drinking Water | BTEX | FWBT1-DRW1 | 1 litre + spiking conc. | | 26/04/2022 | 273 |
| DWC1126 | Drinking Water | BTEX | FWBT1-DRW1 | 1 litre + spiking conc. | | 28/06/2022 | 273 |
| DWC1127 | Drinking Water | BTEX | FWBT1-DRW1 | 1 litre + spiking conc. | | 04/10/2022 | 273 |
| DWC1128 | Drinking Water | BTEX | FWBT1-DRW1 | 1 litre + spiking conc. | | 14/02/2023 | 273 |


Chlorine

| Item Code | Matrix | Analytes | Product Code | Approx. Size | | Start Date | Fee (EUR) |
|-----------|---------------------------------------|----------|--------------|--------------|--|------------|-----------|
| DWC1223 | Drinking Water (Standard Concentrate) | Chlorine | FWCH1-DRW1 | 3 ml | | 15/03/2022 | 121 |
| DWC1224 | Drinking Water (Standard Concentrate) | Chlorine | FWCH1-DRW1 | 3 ml | | 17/05/2022 | 125 |
| DWC1225 | Drinking Water (Standard Concentrate) | Chlorine | FWCH1-DRW1 | 3 ml | | 05/07/2022 | 125 |
| DWC1226 | Drinking Water (Standard Concentrate) | Chlorine | FWCH1-DRW1 | 3 ml | | 08/11/2022 | 125 |
| DWC1227 | Drinking Water (Standard Concentrate) | Chlorine | FWCH1-DRW1 | 3 ml | | 14/03/2023 | 125 |


Contamination Incident (Emergency Scheme)

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|------------------------|--------------|--|---|------------|-----------|
| EMY44 | Drinking Water | Contamination incident | FWEM1-DRW1 | 3 x 1 litre + 250 ml + blanks + 500 ml | | 05/05/2022 | 1000 |
| EMY45 | Drinking Water | Contamination incident | FWEM1-DRW1 | 3 x 1 litre + 250 ml + blanks + 500 ml | | 29/09/2022 | 1000 |


Fluorosurfactants (PFOS & PFOA)

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|---------------------------------------|---------------------------------|--------------|--------------|---|------------|-----------|
| DWC1906 | Drinking Water (Standard Concentrate) | Fluorosurfactants (PFOS & PFOA) | FWFL1-DRW1 | 3 ml | | 15/02/2022 | 182 |
| DWC1907 | Drinking Water (Standard Concentrate) | Fluorosurfactants (PFOS & PFOA) | FWFL1-DRW1 | 3 ml | | 28/06/2022 | 187 |


Haloacetic Acids

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|-----------------------------------|------------------|--------------|------------------------|---|------------|-----------|
| DWC1711 | Drinking Water (Ultra Pure Water) | Haloacetic Acids | FWHA1-DRW1 | 1 litre + spiking conc | | 24/05/2022 | 318 |


Hexavalent Chromium

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|---------------------------------------|---------------------|--------------|--------------|---|------------|-----------|
| DWC1816 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | FWHC1-DRW1 | 20 ml | | 15/03/2022 | 137 |
| DWC1817 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | FWHC1-DRW1 | 20 ml | | 05/07/2022 | 141 |

Inorganic Disinfection By-products


| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|------------------------------------|------------------------------------|--------------|--------------|---|------------|-----------|
| DWC0523 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | FWID1-DRW1 | 125 ml | | 15/03/2022 | 206 |
| DWC0524 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | FWID1-DRW1 | 125 ml | | 17/05/2022 | 212 |
| DWC0525 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | FWID1-DRW1 | 125 ml | | 05/07/2022 | 212 |
| DWC0526 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | FWID1-DRW1 | 125 ml | | 08/11/2022 | 212 |
| DWC0527 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | FWID1-DRW1 | 125 ml | | 14/03/2023 | 212 |

Major Inorganic Components


| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|----------------------------|--------------|-------------------------|---|------------|-----------|
| DWC0135 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 25/01/2022 | 138 |
| DWC0136 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 15/03/2022 | 138 |
| DWC0137 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 17/05/2022 | 142 |
| DWC0138 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 05/07/2022 | 142 |
| DWC0139 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 13/09/2022 | 142 |
| DWC0140 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 08/11/2022 | 142 |
| DWC0141 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 24/01/2023 | 142 |
| DWC0142 | Drinking Water | Major Inorganic Components | FWIC1-DRW1 | 1 litre + spiking conc. | | 14/03/2023 | 142 |

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as DWC0135 and DWC0235) you will receive only ONE litre of water and ONE spiking concentrate.


Non-Routine Metals

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|-----------------------------------|--------------------|--------------|---|---|------------|-----------|
| DWC0423 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | FWNM1-DRW1 | 1 x 60 ml 1 x 500 ml + spiking conc. | | 15/03/2022 | 301 |
| DWC0424 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | FWNM1-DRW1 | 1 x 60 ml 1 x 500 ml + spiking conc. | | 17/05/2022 | 309 |
| DWC0425 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | FWNM1-DRW1 | 1 x 60 ml 1 x 500 ml + spiking conc. | | 05/07/2022 | 309 |
| DWC0426 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | FWNM1-DRW1 | 1 x 60 ml 1 x 500 ml + spiking conc. | | 08/11/2022 | 309 |
| DWC0427 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | FWNM1-DRW1 | 1 x 60 ml 1 x 500 ml + spiking conc. | | 14/03/2023 | 309 |


OC Pesticides (Organo-Chlorine Pesticides)

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|---------------|--------------|-------------------------|---|------------|-----------|
| DWC1024 | Drinking Water | OC Pesticides | FWOC1-DRW1 | 1 litre + spiking conc. | | 15/02/2022 | 265 |
| DWC1025 | Drinking Water | OC Pesticides | FWOC1-DRW1 | 1 litre + spiking conc. | | 26/04/2022 | 273 |
| DWC1026 | Drinking Water | OC Pesticides | FWOC1-DRW1 | 1 litre + spiking conc. | | 28/06/2022 | 273 |
| DWC1027 | Drinking Water | OC Pesticides | FWOC1-DRW1 | 1 litre + spiking conc. | | 04/10/2022 | 273 |
| DWC1028 | Drinking Water | OC Pesticides | FWOC1-DRW1 | 1 litre + spiking conc. | | 14/02/2023 | 273 |

OP Pesticides (Organo-Phosphate Pesticides)


| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|---------------|--------------|------------------------|---|------------|-----------|
| DWC0824 | Drinking Water | OP Pesticides | FWOP1-DRW1 | 1 litre + spiking conc | | 22/02/2022 | 265 |
| DWC0825 | Drinking Water | OP Pesticides | FWOP1-DRW1 | 1 litre + spiking conc | | 24/05/2022 | 273 |
| DWC0826 | Drinking Water | OP Pesticides | FWOP1-DRW1 | 1 litre + spiking conc | | 02/08/2022 | 273 |
| DWC0827 | Drinking Water | OP Pesticides | FWOP1-DRW1 | 1 litre + spiking conc | | 01/11/2022 | 273 |
| DWC0828 | Drinking Water | OP Pesticides | FWOP1-DRW1 | 1 litre + spiking conc | | 21/02/2023 | 273 |

Perchlorate


| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|---------------------------------------|-------------|--------------|--------------|---|------------|-----------|
| DWC2006 | Drinking Water (Standard Concentrate) | Perchlorate | FWPE1-DRW1 | 2ml | | 15/03/2022 | 128 |

PAHs (Polycyclic Aromatic Hydrocarbons)

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|----------------------------------|--------------|------------------------|---|------------|-----------|
| DWC0724 | Drinking Water | Polycyclic Aromatic Hydrocarbons | FWPC1-DRW1 | 1 litre + spiking conc | | 22/02/2022 | 265 |


| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|----------------------------------|--------------|------------------------|---|------------|-----------|
| DWC0725 | Drinking Water | Polycyclic Aromatic Hydrocarbons | FWPC1-DRW1 | 1 litre + spiking conc | | 24/05/2022 | 273 |
| DWC0726 | Drinking Water | Polycyclic Aromatic Hydrocarbons | FWPC1-DRW1 | 1 litre + spiking conc | | 02/08/2022 | 273 |
| DWC0727 | Drinking Water | Polycyclic Aromatic Hydrocarbons | FWPC1-DRW1 | 1 litre + spiking conc | | 01/11/2022 | 273 |
| DWC0728 | Drinking Water | Polycyclic Aromatic Hydrocarbons | FWPC1-DRW1 | 1 litre + spiking conc | | 21/02/2023 | 273 |


Routine Components

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|--------------------|--------------|-------------------------|---|------------|-----------|
| DWC0235 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 25/01/2022 | 138 |
| DWC0236 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 15/03/2022 | 138 |
| DWC0237 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 17/05/2022 | 142 |
| DWC0238 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 05/07/2022 | 142 |
| DWC0239 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 13/09/2022 | 142 |
| DWC0240 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 08/11/2022 | 142 |
| DWC0241 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 24/01/2023 | 142 |
| DWC0242 | Drinking Water | Routine Components | FWRC1-DRW1 | 1 litre + spiking conc. | | 14/03/2023 | 142 |

See note on p58 for purchases of routine components and major inorganic components in the same round.

Routine Metals


| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|----------------|--------------|--------------|---|------------|-----------|
| DWC0335 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 25/01/2022 | 206 |
| DWC0336 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 15/03/2022 | 206 |
| DWC0337 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 17/05/2022 | 212 |
| DWC0338 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 05/07/2022 | 212 |

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|----------------|--------------|--------------|---|------------|-----------|
| DWC0339 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 13/09/2022 | 212 |
| DWC0340 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 08/11/2022 | 212 |
| DWC0341 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 24/01/2023 | 212 |
| DWC0342 | Drinking Water | Routine Metals | FWRM1-DRW1 | 500 ml | | 14/03/2023 | 212 |


Taste & Odour Chemical Identification (NOT for organoleptic testing)

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|---------------------------------------|--------------|---------------------|---|------------|-----------|
| TOCHEM11 | Drinking Water | Taste & Odour Chemical Identification | FWTO1-DRW1 | 2 x 1 litre + blank | | 14/07/2022 | 763 |


Total Cyanide

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|---------------------------------------|---------------|--------------|--------------|---|------------|-----------|
| DWC1623 | Drinking Water (Standard Concentrate) | Total Cyanide | FWTC1-DRW1 | 3 ml | | 15/03/2022 | 121 |
| DWC1624 | Drinking Water (Standard Concentrate) | Total Cyanide | FWTC1-DRW1 | 3 ml | | 05/07/2022 | 125 |


Triazines and Urea Herbicides

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|----------------|-------------------------------|--------------|-------------------------|---|------------|-----------|
| DWC1512 | Drinking Water | Triazines and Urea Herbicides | FWTU1-DRW1 | 1 litre + spiking conc. | | 15/02/2022 | 310 |
| DWC1513 | Drinking Water | Triazines and Urea Herbicides | FWTU1-DRW1 | 1 litre + spiking conc. | | 28/06/2022 | 318 |

Trihalomethanes / Chlorinated Solvents

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|-----------------------------------|--|--------------|-------------------------|---|------------|-----------|
| DWC0624 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | FWTR1-DRW1 | 1 litre + spiking conc. | | 22/02/2022 | 265 |
| DWC0625 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | FWTR1-DRW1 | 1 litre + spiking conc. | | 24/05/2022 | 273 |
| DWC0626 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | FWTR1-DRW1 | 1 litre + spiking conc. | | 02/08/2022 | 273 |
| DWC0627 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | FWTR1-DRW1 | 1 litre + spiking conc. | | 01/11/2022 | 273 |
| DWC0628 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | FWTR1-DRW1 | 1 litre + spiking conc. | | 21/02/2023 | 273 |

Uranium

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|---------------------------------------|----------|--------------|--------------|---|------------|-----------|
| DWC2107 | Drinking Water (Standard Solution) | Uranium | FWUR1-DRW1 | 60ml | | 05/07/2022 | 125 |

SOIL**Trace Metals 5**

| Item Code | Matrix | Analytes | Product Code | Approx. Size |  | Start Date | Fee (EUR) |
|-----------|--------|----------------|--------------|--------------|---|------------|-----------|
| SL0109 | Soil | Trace Metals 5 | FWTM5-SOI1 | 6 g | No | 06/10/2022 | 250 |