



WATER AND ENVIRONMENTAL CHEMISTRY

Proficiency Test List - XXX
Jan 2023 - Mar 2024



FORMULARIO DE INSCRIPCIÓN

ENERO 2023 – MARZO 2024

Datos para el envío de material responsable (1): _____

Cargo _____ C.I.F.: _____

Laboratorio: _____

Dirección: _____

C.P.: _____ Población: _____ Provincia: _____

Tel. Nº: _____ E-mail: _____

Fax Nº: _____

DATOS DE FACTURACIÓN (2)

Por favor indiquen (✓) si desean recibir la factura en la dirección de Facturación ☐ o en la dirección de envío de material ☐

Su Pedido nº: _____

Empresa: _____

Contacto: _____

Cargo/Dpto: _____

Tel Nº: _____ E-mail: _____

Dirección: _____

C.P.: _____ Población: _____ Provincia: _____

Fecha: _____

Firma: _____

Una vez cumplimentado remitir a:

E-mail: fapas@ambifood.es

Fax: +351 22940082

WATER & 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.

DRINKING WATER

Acid Herbicides

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0914	Drinking Water	Acid Herbicides	FWAH1-DRW1	1 litre + spiking conc.		27/06/2023	356

Bisphenol A

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC2200 NEW	Drinking Water (Standard Concentrate)	Bisphenol A	FWBA1-DRW1	3 ml		25/04/2023	210
DWC2201 NEW	Drinking Water (Standard Concentrate)	Bisphenol A	FWBA1-DRW1	3 ml		03/10/2023	210

BTEX (Benzene, Toluene, Ethylbenzene, Xylene +)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1128	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		14/02/2023	273
DWC1129	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		25/04/2023	306
DWC1130	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		27/06/2023	306
DWC1131	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		03/10/2023	306
DWC1132	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		13/02/2024	306

Chlorine

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1227	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		14/03/2023	125
DWC1228	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		16/05/2023	140

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1229	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		04/07/2023	140
DWC1230	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		07/11/2023	140
DWC1231	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		12/03/2024	140

Contamination Incident (Emergency Scheme)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
EMY46 ▲	Drinking Water	Contamination incident	FWEM1-DRW1	3 x 1 litre + 250 ml + blanks + 500 ml		04/05/2023	1120
EMY47 ▲	Drinking Water	Contamination incident	FWEM1-DRW1	3 x 1 litre + 250 ml + blanks + 500 ml		28/09/2023	1120

Fluorosurfactants (PFOS, PFOA, PFNA, PFHxS)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1908	Drinking Water (Standard Concentrate)	Fluorosurfactants (PFOS, PFOA, PFNA & PFHxS)	FWFL1-DRW1	3 ml		27/06/2023	210

Haloacetic Acids

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1712	Drinking Water	Haloacetic Acids	FWHA1-DRW1	1 litre + spiking conc		23/05/2023	356

Note: Items marked ▲ have one or more analytes that are not included in our scope of ISO/IEC 17043 accreditation. For further information visit www.fapas.com or email info@fapas.com

Hexavalent Chromium

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1818	Drinking Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-DRW1	20 ml		04/07/2023	210

Inorganic Disinfection By-products

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0527	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		14/03/2023	212
DWC0528	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		16/05/2023	237
DWC0529	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		04/07/2023	237
DWC0530	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		07/11/2023	237
DWC0531	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		12/03/2024	237

Major Inorganic Components

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as DWC0141 and DWC0241) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
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

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0143	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		16/05/2023	160
DWC0144	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		04/07/2023	160
DWC0145	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		13/09/2023	160
DWC0146	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		07/11/2023	160
DWC0147	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		30/01/2024	160
DWC0148	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		12/03/2024	160

Non-Routine Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0427	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		14/03/2023	309
DWC0428	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		16/05/2023	347
DWC0429	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		04/07/2023	347
DWC0430	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		07/11/2023	347

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0431	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		12/03/2024	347

OC Pesticides (Organo-Chlorine Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1028	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		14/02/2023	273
DWC1029	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		25/04/2023	306
DWC1030	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		27/06/2023	306
DWC1031	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		03/10/2023	306
DWC1032	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		13/02/2024	306

OP Pesticides (Organo-Phosphate Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0828	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		21/02/2023	273
DWC0829	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		23/05/2023	306
DWC0830	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		01/08/2023	306
DWC0831	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		31/10/2023	306
DWC0832	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		20/02/2024	306

PAHs (Polycyclic Aromatic Hydrocarbons)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0728	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		21/02/2023	273
DWC0729	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		23/05/2023	306
DWC0730	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		01/08/2023	306
DWC0731	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		31/10/2023	306
DWC0732	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		20/02/2024	306

Routine Components

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as DWC0141 and DWC0241) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
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
DWC0243	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		16/05/2023	160
DWC0244	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		04/07/2023	160
DWC0245	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		13/09/2023	160
DWC0246	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		07/11/2023	160
DWC0247	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		30/01/2024	160

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0248	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		12/03/2024	160

Routine Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
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
DWC0343	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		16/05/2023	237
DWC0344	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		04/07/2023	237
DWC0345	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		13/09/2023	237
DWC0346	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		07/11/2023	237
DWC0347	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		30/01/2024	237
DWC0348	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		12/03/2024	237

Taste & Odour Chemical Identification (NOT for organoleptic testing)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
TOCHEM12 ▲	Drinking Water	Taste & Odour Chemical Identification (NOT ORGANOLEPTIC)	FWTO1-DRW1	2 x 1 litre + blank		13/07/2023	855

Total Cyanide

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1625	Drinking Water (Standard Concentrate)	Total Cyanide	FWTC1-DRW1	3 ml		04/07/2023	140

Triazines and Urea Herbicides

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC1514	Drinking Water	Triazines and Urea Herbicides	FWTU1-DRW1	1 litre + spiking conc.		27/06/2023	356

Note: Items marked ▲ have one or more analytes that are not included in our scope of ISO/IEC 17043 accreditation
For further information visit www.fapas.com or email info@fapas.com

Trihalomethanes / Chlorinated Solvents

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC0628	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		21/02/2023	273
DWC0629	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		23/05/2023	306
DWC0630	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		01/08/2023	306
DWC0631	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		31/10/2023	306
DWC0632	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		20/02/2024	306

Uranium

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
DWC2108	Drinking Water (Standard Solution)	Uranium	FWUR1-DRW1	60 ml		04/07/2023	140

SOIL

Trace Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SL0110	Soil	Trace Metals	FWTM5-SOI1	6 g		05/10/2023	281

SURFACE WATER

Major Inorganic Compounds

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as SW0115 and SW0215) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SW0115	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 litre + spiking conc.		31/01/2023	138

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SW0116	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 litre + spiking conc.		20/06/2023	155

SW0117	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 litre + spiking conc.		23/01/2024	155
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Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SW0315	Surface Water	Metals	FWME1-SUW1	500 ml + spiking conc.		31/01/2023	263
SW0316	Surface Water	Metals	FWME1-SUW1	500 ml + spiking conc.		20/06/2023	295

SW0317	Surface Water	Metals	FWME1-SUW1	500 ml + spiking conc.		23/01/2024	295
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Pharmaceuticals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SW0501	Surface Water	Pharmaceutical Residues (diclofenac, ibuprofen, naproxen, oxytetracycline, sulfamethoxazole, trimethoprim)	FWPS1-SUW1	To be confirmed (TBC)		20/02/2024	337

Routine Components

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as SW0115 and SW0215) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SW0215	Surface Water	Routine Components	FWRC1-SUW1	1 litre + spiking conc.		31/01/2023	138
SW0216	Surface Water	Routine Components	FWRC1-SUW1	1 litre + spiking conc.		20/06/2023	155
SW0217	Surface Water	Routine Components	FWRC1-SUW1	1 litre + spiking conc.		23/01/2024	155

Toxic Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SW0415	Surface Water	Toxic Metals	FWTX1-SUW1	500 ml + spiking conc		31/01/2023	301
SW0416	Surface Water	Toxic Metals	FWTX1-SUW1	500 ml + spiking conc		20/06/2023	337
SW0417	Surface Water	Toxic Metals	FWTX1-SUW1	500 ml + spiking conc		23/01/2024	337

WASTE WATER

Anions

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0937	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		04/04/2023	133
WW0938	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		18/10/2023	133

Dissolved Oxygen

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1437	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		04/04/2023	146
WW1438	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		18/10/2023	146

Hexavalent Chromium

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0737	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		04/04/2023	133
WW0738	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		18/10/2023	133

Minerals

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0837	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		08/02/2023	98
WW0838	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		14/06/2023	133
WW0839	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		18/10/2023	133
WW0840	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		07/02/2024	133

Nutrients

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0339	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		08/02/2023	140
WW0340	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		04/04/2023	157
WW0341	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		14/06/2023	157
WW0342	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		09/08/2023	157
WW0343	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		18/10/2023	157
WW0344	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		07/02/2024	157

Oil & Grease

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1037	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		08/02/2023	89
WW1038	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		14/06/2023	133
WW1039	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		18/10/2023	133
WW1040	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		07/02/2024	133

Oxygen Demand

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0139	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		08/02/2023	114
WW0140	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		04/04/2023	133
WW0141	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		14/06/2023	133
WW0142	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		09/08/2023	133
WW0143	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		18/10/2023	133
WW0144	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		07/02/2024	133

pH & Electrical Conductivity

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0439	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		08/02/2023	119
WW0440	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		04/04/2023	133
WW0441	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		14/06/2023	133
WW0442	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		09/08/2023	133
WW0443	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		18/10/2023	133
WW0444	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		07/02/2024	133

Phthalates (Environmental)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1610	Waste Water (Standard Concentrate)	Phthalates (Environmental)	FWPT1-EWW1	2 ml		14/06/2023	160

Residues

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0239	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		08/02/2023	130
WW0240	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		04/04/2023	146
WW0241	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		14/06/2023	146
WW0242	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		09/08/2023	146

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0243	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		18/10/2023	146
WW0244	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		07/02/2024	146

Settleable Solids

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1337	Waste Water (Requires Dilution)	Settleable Solids	FWSS1-EWW1	25 g		04/04/2023	157
WW1338	Waste Water (Requires Dilution)	Settleable Solids	FWSS1-EWW1	25 g		18/10/2023	157

Total Cyanide

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1137	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		04/04/2023	133
WW1138	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		18/10/2023	133

Total Sulphide

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1237	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		04/04/2023	157
WW1238	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		18/10/2023	157

Trace Metals 1

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0539	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		08/02/2023	160
WW0540	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		04/04/2023	179
WW0541	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		14/06/2023	179
WW0542	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		09/08/2023	179
WW0543	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		18/10/2023	179
WW0544	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		07/02/2024	179

Trace Metals 2

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW0637	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		08/02/2023	151
WW0639	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		04/04/2023	169
WW0640	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		14/06/2023	169
WW0641	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		18/10/2023	169
WW0642	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		07/02/2024	169

VOCs (Volatile Organic Compounds)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
WW1537	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml		04/04/2023	160
WW1538	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml		18/10/2023	160

WATER & ENVIRONMENTAL CHEMISTRY PROFICIENCY TESTS - APPROXIMATE CONCENTRATION RANGES

DRINKING WATER

Acid Herbicides (group 9)

Product Code	Matrix	Analytes	Approx. Range	Units
FWAH1-DRW1	Drinking Water	benazolin	0.01 - 0.15	µg/l
		bentazone	0.01 - 0.15	µg/l
		bromacil	0.01 - 0.15	µg/l
		bromoxynil	0.01 - 0.15	µg/l
		clopyralid	0.01 - 0.15	µg/l
		2,4-D	0.01 - 0.15	µg/l
		2,4-DB	0.01 - 0.15	µg/l
		dicamba	0.01 - 0.15	µg/l
		dichlobenil	0.01 - 0.15	µg/l
		dichlorprop	0.01 - 0.15	µg/l
		fluroxypyr	0.01 - 0.15	µg/l
		ioxynil	0.01 - 0.15	µg/l
		MCPA	0.01 - 0.15	µg/l
		MCPB	0.01 - 0.15	µg/l
		mecoprop	0.01 - 0.15	µg/l
		metaldehyde	0.01 - 0.15	µg/l
		metazachlor	0.01 - 0.15	µg/l
		propachlor	0.01 - 0.15	µg/l
		propyzamide	0.01 - 0.15	µg/l
		2,4,5-T	0.01 - 0.15	µg/l
		2,3,6-TBA	0.01 - 0.15	µg/l
		triclopyr	0.01 - 0.15	µg/l

Bisphenol A (group 22)

Product Code	Matrix	Analytes	Approx. Range	Units
FWBA1-DRW1	Drinking Water	Bisphenol A	0.2 - 4.0	µg/l

BTEX (group 11)

Product Code	Matrix	Analytes	Approx. Range	Units
FWBT1-DRW1	Drinking Water	benzene	0.1 - 1.5	µg/l
		ethylbenzene	0.2 - 4.0	µg/l
		styrene	0.2 - 4.0	µg/l
		toluene	0.2 - 4.0	µg/l
		m-xylene	0.2 - 4.0	µg/l
		m+p xylene	0.2 - 8.0	µg/l
		o-xylene	0.2 - 4.0	µg/l
		p-xylene	0.2 - 4.0	µg/l
		total xylene	0.5 - 12.0	µg/l

Chlorine (group 12)

Product Code	Matrix	Analytes	Approx. Range	Units
FWCH1-DRW1	Standard concentrate	chlorine (total)	0.5 - 3.0	mg/l
		chlorine (free)	0.5 - 3.0	mg/l

Emergency contamination incident (no group)

Product Code	Matrix	Analytes	Approx. Range	Units
FWEM1-DRW1 ▲	Drinking Water	not set - blind sample	not set	not set

Fluorosurfactants ((PFOS, PFOA, PFNA, PFHxS, group 19)

Product Code	Matrix	Analytes	Approx. Range	Units
FWFL1-DRW1	Standard concentrate	Perfluorohexanesulfonic Acid (PFHxS)	0.1 - 2.0	µg/l
		Perfluorononanoic Acid (PFNA)	0.1 - 2.0	µg/l
		perfluorooctanoic acid (PFOA)	0.1 - 2.0	µg/l
		perfluorooctanesulfonic acid (PFOS)	0.1 - 2.0	µg/l

Haloacetic Acids (group 17)

Product Code	Matrix	Analytes	Approx. Range	Units
FWHA1-DRW1	Drinking Water	dibromoacetic acid (DBA)	5.0 - 50.0	µg/l
		dichloroacetic acid (DCA)	5.0 - 50.0	µg/l
		monobromoacetic acid (MBA)	5.0 - 50.0	µg/l
		monochloroacetic acid (MCA)	5.0 - 50.0	µg/l
		trichloroacetic acid (TCA)	5.0 - 50.0	µg/l

Note: Items marked ▲ have one or more analytes that are not included in our scope of ISO/IEC 17043 accreditation
For further information visit www.fapas.com or email info@fapas.com

Hexavalent Chromium (group 18)

Product Code	Matrix	Analytes	Approx. Range	Units
FWHC1-DRW1	Standard concentrate	hexavalent chromium	5.0 - 50.0	µg/l

Inorganic Disinfection By-products (group 5)

Product Code	Matrix	Analytes	Approx. Range	Units
FWID1-DRW1	Standard Solution in ultra pure water	bromide	5.0 - 200	µg/l
		bromate	1.0 - 20.0	µg/l
		chlorite	1.0 - 100	µg/l
		chlorate	1.0 - 1000	µg/l

Major Inorganic Components (group 1)

Product Code	Matrix	Analytes	Approx. Range	Units
FWIC1-DRW1	Drinking Water	alkalinity HCO ₃	30.0 - 300	mg/l
		calcium	10.0 - 150	mg/l
		chloride	6.0 - 50.0	mg/l
		fluoride	150 - 1800	µg/l
		magnesium	1.0 - 15.0	mg/l
		potassium	0.3 - 3.0	mg/l
		sodium	5.0 - 50.0	mg/l
		sulphate	8.0 - 100	mg/l
		total hardness Ca	30.0 - 130	mg/l
		total phosphorus P	100 - 3000	µg/l

Non-Routine Metals (group 4)

Product Code	Matrix	Analytes	Approx. Range	Units
FWNM1-DRW1	Drinking Water	antimony	0.5 - 7.5	µg/l
		arsenic	1.0 - 15.0	µg/l
		barium	100 - 1000	µg/l
		beryllium	3.0 - 10.0	µg/l
		boron	200 - 1500	µg/l
		cobalt	3.0 - 30.0	µg/l
		lithium	10.0 - 100	µg/l
		mercury	0.1 - 2.0	µg/l
		molybdenum	3.0 - 30.0	µg/l
		selenium	1.0 - 15.0	µg/l
		silver	1.0 - 20.0	µg/l
		strontium	50.0 - 500	µg/l
		tin	3.0 - 100	µg/l
		vanadium	3.0 - 30.0	µg/l

OC Pesticides (group 10)

Product Code	Matrix	Analytes	Approx. Range	Units
FWOC1-DRW1	Drinking Water	aldrin	0.006 – 0.05	µg/l
		p,p'-DDD	0.01 - 0.15	µg/l
		o,p'-DDD (TDE)	0.01 - 0.15	µg/l
		o,p'-DDE	0.01 - 0.15	µg/l
		p,p'-DDE	0.01 - 0.15	µg/l
		o,p'-DDT	0.01 - 0.15	µg/l
		p,p'-DDT	0.01 - 0.15	µg/l
		dieldrin	0.006 – 0.05	µg/l
		endrin	0.01 - 0.15	µg/l
		alpha endosulphan	0.01 - 0.15	µg/l
		beta endosulphan	0.01 - 0.15	µg/l
		heptachlor	0.006 - 0.04	µg/l
		heptachlor epoxide (total)	0.006 - 0.04	µg/l
		hexachlorobenzene	0.01 - 0.15	µg/l
		hexachlorocyclohexane (alpha)	0.01 - 0.15	µg/l
		hexachlorocyclohexane (beta)	0.01 - 0.15	µg/l
		hexachlorocyclohexane (delta)	0.01 - 0.15	µg/l
		lindane (gamma HCH)	0.01 - 0.15	µg/l
		pendimethalin	0.01 - 0.15	µg/l
		pentachlorobenzene	0.01 - 0.15	µg/l
		trifluralin	0.01 - 0.15	µg/l

OP Pesticides (group 8)

Product Code	Matrix	Analytes	Approx. Range	Units
FWOP1-DRW1	Drinking Water	alachlor	0.01 - 0.15	µg/l
		azinphos-ethyl	0.01 - 0.15	µg/l
		azinphos-methyl	0.01 - 0.15	µg/l
		chlorofenvinphos	0.01 - 0.15	µg/l
		chlorpyrifos	0.01 - 0.15	µg/l
		cypermethrin	0.01 - 0.15	µg/l
		diazinon	0.01 - 0.15	µg/l
		dichlorvos	0.01 - 0.15	µg/l
		fenitrothion	0.01 - 0.15	µg/l
		fenthion	0.01 - 0.15	µg/l
		malathion	0.01 - 0.15	µg/l
		mevinphos	0.01 - 0.15	µg/l
		parathion-ethyl	0.01 - 0.15	µg/l
		parathion-methyl	0.01 - 0.15	µg/l
		propetamphos	0.01 - 0.15	µg/l

Perchlorate (group 20)

Product Code	Matrix	Analytes	Approx. Range	Units
FWPE1-DRW1	Standard concentrate	perchlorate	4.0 - 20.0	µg/l

Polycyclic Aromatic Hydrocarbons (PAHs group 7)

Product Code	Matrix	Analytes	Approx. Range	Units
FWPC1-DRW1	Drinking Water	anthracene	0.005 – 0.05	µg/l
		benzo (a) pyrene	0.002 – 0.02	µg/l
		benzo (b) fluoranthene	0.003 – 0.05	µg/l
		benzo (ghi) perylene	0.01 – 0.07	µg/l
		benzo (k) fluoranthene	0.003 – 0.05	µg/l
		fluoranthene	0.01 – 0.10	µg/l
		indeno (1,2,3-cd) pyrene	0.01 – 0.07	µg/l
		naphthalene	0.005 – 0.05	µg/l

Routine Components (group 2)

Product Code	Matrix	Analytes	Approx. Range	Units
FWRC1-DRW1	Drinking Water	ammonium NH ₄	0.1 - 0.60	mg/l
		colour (filtered)	0.2 - 20.0	HAZEN
		conductivity @ 20°C	100 - 600	µS/cm
		nitrite NO ₂	0.02 - 0.60	mg/l
		nitrate NO ₃	2.0 - 60.0	mg/l
		pH	6.0 - 10.0	pH units
		PI	0.2 - 5.0	mg/l
		SR phosphate	10.0 - 1500	µg/l
		TOC	0.2 - 5.0	mg/l
		turbidity	0.05 - 4.0	NTU

Routine Metals (group 3)

Product Code	Matrix	Analytes	Approx. Range	Units
FWRM1-DRW1	Drinking Water	aluminium	20.0 - 300	µg/l
		cadmium	0.5 - 7.0	µg/l
		chromium	5.0 - 50.0	µg/l
		copper	50.0 - 2000	µg/l
		iron	20.0 - 400	µg/l
		lead	0.5 - 20.0	µg/l
		manganese	10.0 - 75.0	µg/l
		nickel	5.0 - 30.0	µg/l
		zinc	50.0 - 500	µg/l

Taste & Odour Chemical Identification (no group)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTO1-DRW1 ▲	Drinking Water	not set - blind sample	not set	not set

Total Cyanide (group 16)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTC1-DRW1	Standard Concentrate	total cyanide	0.01 - 0.10	mg/l

Triazines and Urea Herbicides (group 15)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTU1-DRW1	Drinking Water	ametryn	0.01 - 0.15	µg/l
		atrazine	0.01 - 0.15	µg/l
		carbetamide	0.01 - 0.15	µg/l
		chlortoluron	0.01 - 0.15	µg/l
		cyanazine	0.01 - 0.15	µg/l
		diflufenican	0.01 - 0.15	µg/l
		diuron	0.01 - 0.15	µg/l
		isoproturon	0.01 - 0.15	µg/l
		linuron	0.01 - 0.15	µg/l
		metamitron	0.01 - 0.15	µg/l
		methabenzthiazuron	0.01 - 0.15	µg/l
		monuron	0.01 - 0.15	µg/l
		pirimicarb	0.01 - 0.15	µg/l
		prometryn	0.01 - 0.15	µg/l
		propazine	0.01 - 0.15	µg/l
		simazine	0.01 - 0.15	µg/l
		terbutryn	0.01 - 0.15	µg/l
		trietazine	0.01 - 0.15	µg/l

Note: Items marked ▲ have one or more analytes that are not included in our scope of ISO/IEC 17043 accreditation
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Trihalomethanes / Chlorinated Solvents (group 6)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTR1-DRW1	Drinking Water	bromodichloromethane	2.0 - 50.0	µg/l
		bromoform	2.0 - 50.0	µg/l
		carbon tetrachloride	0.5 - 4.0	µg/l
		chloroform	2.0 - 100	µg/l
		dibromochloromethane	2.0 - 50.0	µg/l
		1,2-dichloroethane	0.5 - 4.0	µg/l
		dichloromethane	2.0 - 40.0	µg/l
		hexachlorobutadiene	0.01 - 0.15	µg/l
		tetrachloroethene	0.5 - 10.0	µg/l
		1,2,3-trichlorobenzene	0.1 - 2.0	µg/l
		1,2,4-trichlorobenzene	0.1 - 2.0	µg/l
		1,3,5-trichlorobenzene	0.1 - 2.0	µg/l
		1,1,1-trichloroethane	0.1 - 2.0	µg/l
		trichloroethene	0.5 - 10.0	µg/l

Uranium (group 21)

Product Code	Matrix	Analytes	Approx. Range	Units
FWUR1-DRW1	Standard solution	uranium	10.0 - 100	µg/l

SOIL

Trace Metals (no group)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTM5-SOI1	Soil	arsenic	1.0 - 500	mg/kg
		barium	30.0 - 2500	mg/kg
		cadmium	1.0 - 400	mg/kg
		chromium	10.0 - 500	mg/kg
		copper	2.0 - 200	mg/kg
		lead	10.0 - 2000	mg/kg
		mercury	0.1 - 200	mg/kg
		nickel	1.0 - 200	mg/kg
		zinc	10.0 - 200	mg/kg

SURFACE WATER

Major Inorganic Components (group 1)

Product Code	Matrix	Analytes	Approx. Range	Units
FWIC1-SUW1	Surface Water	alkalinity as HCO ₃	30.0 - 300	mg/l
		calcium	10.0 - 150	mg/l
		chloride	6.0 - 50.0	mg/l
		fluoride	150 - 1800	µg/l
		magnesium	1.0 - 15.0	mg/l
		potassium	0.3 - 3.0	mg/l
		sodium	5.0 - 50.0	mg/l
		sulphate	5.0 - 100	mg/l
		total hardness as Ca	30.0 - 130	mg/l
		total phosphorus P	100 - 3000	µg/l

Metals (group 3)

Product Code	Matrix	Analytes	Approx. Range	Units
FWME1-SUW1	Surface Water	aluminium	10.0 - 500	µg/l
		barium	10.0 - 700	µg/l
		boron	25.0 - 1500	µg/l
		copper	20.0 - 700	µg/l
		iron	15.0 - 400	µg/l
		lithium	10.0 - 100	µg/l
		manganese	10.0 - 70.0	µg/l
		silver	2.0 - 15.0	µg/l
		strontium	10.0 - 1000	µg/l
		zinc	20.0 - 700	µg/l

Pharmaceuticals (group 5)

Product Code	Matrix	Analytes	Approx. Range	Units
FWPS1-SUW1	Surface Water	diclofenac	0.2 - 2.0	µg/l
		ibuprofen	0.2 - 2.0	µg/l
		naproxen	0.2 - 2.0	µg/l
		oxytetracycline	0.2 - 2.0	µg/l
		sulfamethoxazole	0.2 - 2.0	µg/l
		trimethoprim	0.2 - 2.0	µg/l

analyte ranges to be confirmed

Routine Components (group 2)

Product Code	Matrix	Analytes	Approx. Range	Units
FWRC1-SUW1	Surface Water	ammonium NH ₄	0.1 - 0.6	mg/l
		colour (filtered)	0.2 - 30.0	HAZEN
		conductivity @ 20°C	100 - 600	µS/cm
		nitrite NO ₂	0.02 - 0.60	mg/l
		nitrate NO ₃	2.0 - 60.0	mg/l
		pH	6.0 - 10.0	pH units
		PI	0.2 - 5.0	mg/l
		SR phosphate	1.0 - 1500	µg/l
		TOC	0.2 - 5.0	mg/l
		turbidity	0.05 - 10.0	NTU

Toxic Metals (group 4)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTX1-SUW1	Surface Water	antimony	0.5 - 7.0	µg/l
		arsenic	1.0 - 15.0	µg/l
		beryllium	1.0 - 10.0	µg/l
		cadmium	0.2 - 7.0	µg/l
		chromium	3.0 - 60.0	µg/l
		cobalt	2.0 - 30.0	µg/l
		lead	1.0 - 25.0	µg/l
		mercury	0.1 - 2.0	µg/l
		molybdenum	2.0 - 30.0	µg/l
		nickel	3.0 - 30.0	µg/l
		selenium	1.0 - 15.0	µg/l
		tin	1.0 - 100	µg/l
		vanadium	2.0 - 30.0	µg/l

WASTE WATER

Anions (group 9)

Product Code	Matrix	Analytes	Approx. Range	Units
FWAN1-EWW1	Standard Concentrate	bromide	1.0 - 10.0	mg/l
		fluoride	0.3 - 4.0	mg/l

Dissolved Oxygen (group 14)

Product Code	Matrix	Analytes	Approx. Range	Units
FWDO1-EWW1	Standard Concentrate	dissolved oxygen & dissolved oxygen (Winkler)	1.0 - 100	mg/l

Hexavalent Chromium (group 7)

Product Code	Matrix	Analytes	Approx. Range	Units
FWHC1-EWW1	Standard Concentrate	hexavalent chromium [Cr(VI)]	45.0 - 880	µg/l

Minerals (group 8)

Product Code	Matrix	Analytes	Approx. Range	Units
FWMI1-EWW1	Standard Concentrate	alkalinity (as CaCO ₃)	10.0 - 120	mg/l
		calcium	3.5 - 110	mg/l
		magnesium	2.0 - 40.0	mg/l
		potassium	4.0 - 40.0	mg/l
		sodium	6.0 - 100	mg/l
		total hardness (as CaCO ₃)	17.0 - 675	mg/l

Nutrients (group 3)

Product Code	Matrix	Analytes	Approx. Range	Units
FWNU1-EWW1	Standard Concentrate	ammonia (as N)	0.2 - 20.0	mg/l
		chloride	10.0 - 500	mg/l
		kjeldahl nitrogen (as N)	2.0 - 50.0	mg/l
		nitrate (as N)	0.5 - 50.0	mg/l
		nitrite (as N)	0.2 - 10.0	mg/l
		orthophosphate (as P)	1.0 - 100	mg/l
		sulphate (as SO ₄)	10.0 - 500	mg/l
		total nitrogen (as N)	2.0 - 50.0	mg/l
		total phosphorus (as P)	0.2 - 5.0	mg/l

Oil & Grease (group 10)

Product Code	Matrix	Analytes	Approx. Range	Units
FWOG1-EWW1	Standard Concentrate	oil & grease suitable for EPA 1664, SM 5520B and other gravimetric methods (not suitable for IR methods)	10.0 - 100	mg/l

Oxygen Demand (group 1)

Product Code	Matrix	Analytes	Approx. Range	Units
FWDE1-EWW1	Standard Concentrate	BOD 5-day	6.0 - 250	mg/l
		COD	6.0 - 250	mg/l
		TOC	6.0 - 250	mg/l

pH & Electrical Conductivity (group 4)

Product Code	Matrix	Analytes	Approx. Range	Units
FWPH1-EWW1	Standard Solution	electrical conductivity @25°C	200 - 2000	µS/cm
		pH	1.0 - 13.0	pH units

Phthalates (Environmental, group 16)

Product Code	Matrix	Analytes	Approx. Range	Units
FWPT1-EWW1	Standard Concentrate	bis (2-ethylhexyl) phthalate	8.0 - 50.0	µg/l
		butyl benzyl phthalate	8.0 - 50.0	µg/l
		di-n-butyl phthalate	8.0 - 50.0	µg/l
		diethyl phthalate	8.0 - 50.0	µg/l
		dimethyl phthalate	8.0 - 50.0	µg/l
		di-n-octyl phthalate	8.0 - 50.0	µg/l

Residues (group 2)

Product Code	Matrix	Analytes	Approx. Range	Units
FWRE1-EWW1	Standard Solution	dissolved solids @ 180°C	23.0 - 675	mg/l
		suspended solids	23.0 - 675	mg/l
		total solids	23.0 - 675	mg/l

Settleable Solids (group 13)

Product Code	Matrix	Analytes	Approx. Range	Units
FWSS1-EWW1	Standard Concentrate	settleable solids (volumetric test using Imhoff Cone)	5.0 - 100	ml/l

Total Cyanide (group 11)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTC1-EWW1	Standard Concentrate	total cyanide	0.1 - 1.0	mg/l

Total Sulphide (group 12)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTS1-EWW1	Standard Concentrate	total sulphide	1.0 - 10.0	mg/l

Trace Metals 1 (group 5)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTM1-EWW1	Standard Concentrate	aluminium	200 - 4000	µg/l
		arsenic	70.0 - 900	µg/l
		beryllium	8.0 - 900	µg/l
		cadmium	8.0 - 750	µg/l
		chromium (total)	17.0 - 1000	µg/l
		cobalt	28.0 - 1000	µg/l
		copper	40.0 - 900	µg/l
		iron	200 - 4000	µg/l
		lead	70.0 - 3000	µg/l
		manganese	70.0 - 4000	µg/l
		mercury	2.0 - 30.0	µg/l
		nickel	80.0 - 3000	µg/l
		selenium	90.0 - 2000	µg/l
		vanadium	55.0 - 2000	µg/l
		zinc	100 - 2000	µg/l

Trace Metals 2 (group 6)

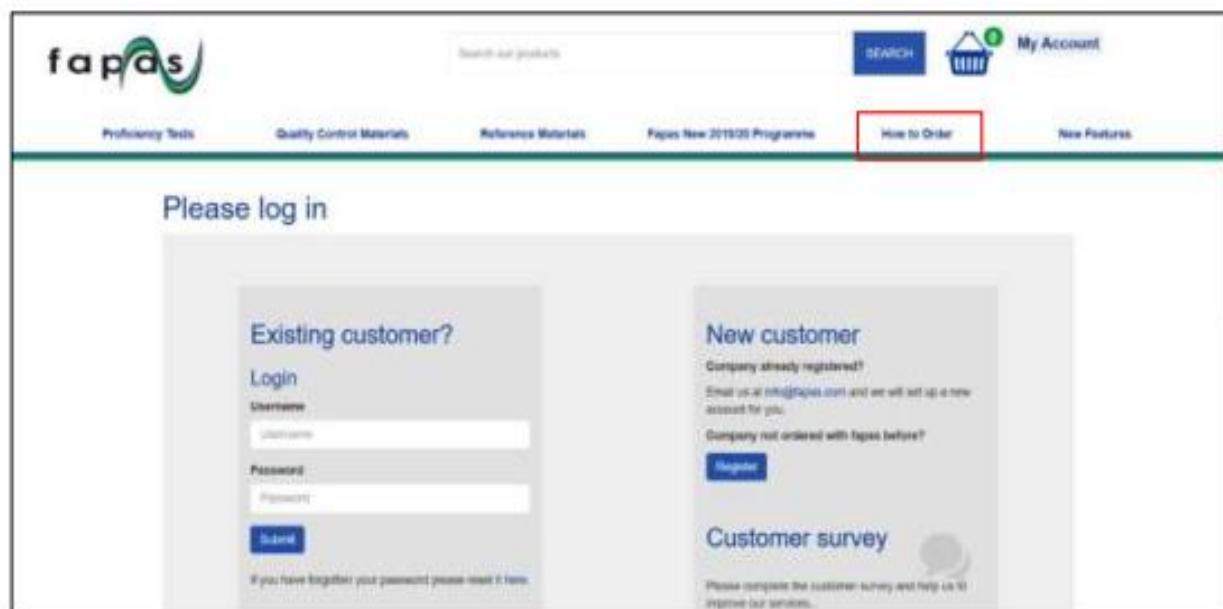
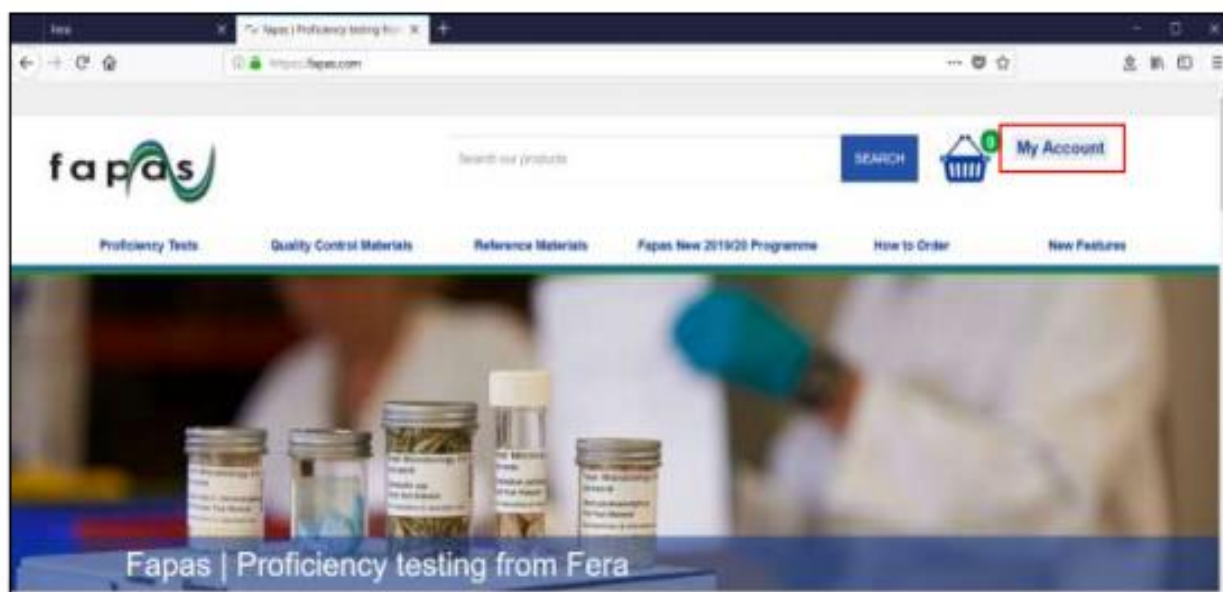
Product Code	Matrix	Analytes	Approx. Range	Units
FWTM2-EWW1	Standard Concentrate	antimony	95.0 - 900	µg/l
		barium	100 - 2500	µg/l
		boron	800 - 2000	µg/l
		molybdenum	60.0 - 600	µg/l
		silver	26.0 - 600	µg/l
		strontium	30.0 - 300	µg/l
		thallium	60.0 - 900	µg/l

VOCs (Volatile Organic Compounds, group 15)

Product Code	Matrix	Analytes	Approx. Range	Units
FWVO1-EWW1	Standard Concentrate	benzene	8.0 - 120	µg/l
		1,2-dichlorobenzene	8.0 - 100	µg/l
		1,3-dichlorobenzene	9.0 - 125	µg/l
		1,4-dichlorobenzene	8.0 - 115	µg/l
		ethylbenzene	9.0 - 100	µg/l
		methyl tert-butyl ether (mtbe)	15.0 - 100	µg/l
		naphthalene	8.0 - 190	µg/l
		toluene	7.0 - 100	µg/l
		1,2,4-trimethylbenzene	8.0 - 100	µg/l
		1,3,5-trimethylbenzene	8.0 - 100	µg/l
		m+p-xylene	8.0 - 300	µg/l
		o-xylene	8.0 - 300	µg/l
		total xylene	20.0 - 300	µg/l

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Fera Science Limited

York Biotech Campus
Sand Hutton, York, YO41 1LZ
United Kingdom

T: +44 (0)1904 462100

E: info@fapas.com

www.fera.co.uk

www.fapas.com



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