



WATER AND ENVIRONMENTAL CHEMISTRY

Proficiency Test List – USD \$
Jan 2025 – Mar 2026



0009

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 program covers a wide range of water types including, bottled, 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 in insulated packaging with ice packs and incur higher carriage charges.

BOTTLED WATER

OC Pesticides (Organo-Chlorine Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
MW003c02	Water (Bottled) NEW ▲	OC Pesticides	FWOC1-DRN41	500 ml		10/01/2025	366

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

Routine Components

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
MW001c01	Water (Bottled) NEW ▲	Bicarbonate, Calcium, Chloride, Magnesium, Nitrate, Potassium, Sodium, Sulfate, Dry Residue at 180°C, pH	FWRC1-DRN41	500 ml		04/02/2025	182
MW002c01	Water (Bottled) NEW ▲	Bicarbonate, Calcium, Chloride, Magnesium, Nitrate, Potassium, Sodium, Sulfate, Dry Residue at 180°C, pH	FWRC1-DRN41	500 ml		09/09/2025	182

DRINKING WATER

Acid Herbicides

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW130c09	Drinking Water	Acid Herbicides (water)	FWAH1-DRW1	1 liter + spiking conc.		06/24/2025	407

Bisphenol A

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW127c22	Drinking Water (Standard Concentrate) ▲	Bisphenol A (water)	FWBA1-DRW1	3 ml		04/29/2025	241
DW134c22	Drinking Water (Standard Concentrate) ▲	Bisphenol A (water)	FWBA1-DRW1	3 ml		10/07/2025	241

BTEX (Benzene, Toluene, Ethylbenzene, Xylene +)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW124c11	Drinking Water	BTEX	FWBT1-DRW1	1 liter + spiking conc.		02/18/2025	337
DW127c11	Drinking Water	BTEX	FWBT1-DRW1	1 liter + spiking conc.		04/29/2025	349
DW130c11	Drinking Water	BTEX	FWBT1-DRW1	1 liter + spiking conc.		06/24/2025	349

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Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW134c11	Drinking Water	BTEX	FWBT1-DRW1	1 liter + spiking conc.		10/07/2025	349
DW138c11	Drinking Water	BTEX	FWBT1-DRW1	1 liter + spiking conc.		02/17/2026	349

Chlorine

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW126c12	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		03/11/2025	155
DW128c12	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		05/20/2025	160
DW131c12	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		07/01/2025	160
DW136c12	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		11/11/2025	160
DW140c12	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		03/10/2026	160

Contamination Incident (Emergency Scheme)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
EMY50	Drinking Water ▲	Contamination incident	FWEM1-DRW1	3 x 1 liter + 250 ml + blanks + 500 ml		Jul 2025	1279
EMY51	Drinking Water ▲	Contamination incident	FWEM1-DRW1	3 x 1 liter + 250 ml + blanks + 500 ml		Feb 2026	1279

*Precise dates not specified as intended to test laboratories' emergency response to an unexpected incident

Cyanide (free)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW131c16	Drinking Water (Standard Concentrate)	Cyanide (free)	FWCF1-DRW1	3 ml		07/01/2025	160

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Fluorosurfactants (PFOS, PFOA, PFNA, PFHxS)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW130c19	Drinking Water (Standard Concentrate) ▲	Fluorosurfactants (PFOS, PFOA, PFNA & PFHxS)	FWFL1-DRW1	3 ml		06/24/2025	241

Haloacetic Acids

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW129c17	Drinking Water	Haloacetic Acids	FWHA1-DRW1	1 liter + spiking conc		05/28/2025	407

Hexavalent Chromium

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW131c18	Drinking Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-DRW1	20 ml		07/01/2025	241

Inorganic Disinfection By-products

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW126c05	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		03/11/2025	261
DW128c05	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		05/20/2025	270
DW131c05	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		07/01/2025	270
DW136c05	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		11/11/2025	270
DW140c05	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		03/10/2026	270

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Major Inorganic Components

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as DW123c01 and DW123c02) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW123c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		01/28/2025	176
DW126c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		03/11/2025	176
DW128c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		05/20/2025	182
DW131c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		07/01/2025	182
DW133c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		09/09/2025	182
DW136c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		11/11/2025	182
DW137c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		01/28/2026	182
DW140c01	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 liter + spiking conc.		03/10/2026	182

Non-Routine Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW126c04	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		03/11/2025	383
DW128c04	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		05/20/2025	396
DW131c04	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		07/01/2025	396

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Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW136c04	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		11/11/2025	396
DW140c04	Drinking Water (Standard Solutions / Concentrates)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.		03/10/2026	396

OC Pesticides (Organo-Chlorine Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW124c10	Drinking Water	OC Pesticides	FWOC1-DRW1	1 liter + spiking conc.		02/18/2025	337
DW127c10	Drinking Water	OC Pesticides	FWOC1-DRW1	1 liter + spiking conc.		04/29/2025	349
DW130c10	Drinking Water	OC Pesticides	FWOC1-DRW1	1 liter + spiking conc.		06/24/2025	349
DW134c10	Drinking Water	OC Pesticides	FWOC1-DRW1	1 liter + spiking conc.		10/07/2025	349
DW138c10	Drinking Water	OC Pesticides	FWOC1-DRW1	1 liter + spiking conc.		02/17/2026	349

OP Pesticides (Organo-Phosphate Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW125c08	Drinking Water	OP Pesticides	FWOP1-DRW1	1 liter + spiking conc		02/25/2025	337
DW129c08	Drinking Water	OP Pesticides	FWOP1-DRW1	1 liter + spiking conc		05/28/2025	349
DW132c08	Drinking Water	OP Pesticides	FWOP1-DRW1	1 liter + spiking conc		07/29/2025	349
DW135c08	Drinking Water	OP Pesticides	FWOP1-DRW1	1 liter + spiking conc		10/28/2025	349
DW139c08	Drinking Water	OP Pesticides	FWOP1-DRW1	1 liter + spiking conc		02/24/2026	349

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Polycyclic Aromatic Hydrocarbons (PAHs)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW125c07	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 liter + spiking conc		02/25/2025	337
DW129c07	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 liter + spiking conc		05/28/2025	349
DW132c07	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 liter + spiking conc		07/29/2025	349
DW135c07	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 liter + spiking conc		10/28/2025	349
DW139c07	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 liter + spiking conc		02/24/2026	349

Routine Components

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as DW123c01 and DW123c02) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW123c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		01/28/2025	176
DW126c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		03/11/2025	176
DW128c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		05/20/2025	182
DW131c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		07/01/2025	182
DW133c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		09/09/2025	182
DW136c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		11/11/2025	182
DW137c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		01/28/2026	182
DW140c02	Drinking Water	Routine Components	FWRC1-DRW1	1 liter + spiking conc.		03/10/2026	182

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Routine Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW123c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		01/28/2025	261
DW126c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		03/11/2025	261
DW128c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		05/20/2025	270
DW131c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		07/01/2025	270
DW133c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		09/09/2025	270
DW136c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		11/11/2025	270
DW137c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		01/28/2026	270
DW140c03	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		03/10/2026	270

Taste & Odor Chemical Identification (Laboratory analysis only. NOT for organoleptic testing)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
TOCHEM14	Drinking Water ▲	Taste & Odor Chemical Identification	FWTO1-DRW1	2 x 1 liter + blank		07/11/2025	975

Triazines and Urea Herbicides

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW130c15	Drinking Water	Triazines and Urea Herbicides	FWTU1-DRW1	1 liter + spiking conc.		06/24/2025	407

Trihalomethanes / Chlorinated Solvents

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW125c06	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 liter + spiking conc.		02/25/2025	337
DW129c06	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 liter + spiking conc.		05/28/2025	349
DW132c06	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 liter + spiking conc.		07/29/2025	349
DW135c06	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 liter + spiking conc.		10/28/2025	349
DW139c06	Drinking Water	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 liter + spiking conc.		02/24/2026	349

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Uranium

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
DW131c21	Drinking Water (Standard Solution)	Uranium	FWUR1-DRW1	60ml		07/01/2025	160

SOIL

Pesticide Residues

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SL012c02	Soil NEW ▲	Pesticide Residues (soil)	FWSP1-SOI1	50 g		02/18/2025	309
SL014c02	Soil NEW ▲	Pesticide Residues (soil)	FWSP1-SOI1	50 g		02/20/2026	320

Trace Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SL013c01	Soil	Trace Metals 5	FWTM5-SOI1	5 g		10/01/2025	320

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 SW020c01 and SW020c02) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SW020c01	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 liter + spiking conc.		01/21/2025	171
SW022c01	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 liter + spiking conc.		06/10/2025	177
SW023c01	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 liter + spiking conc.		01/20/2026	177

Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SW020c03	Surface Water	Metals (in 0.5% Nitric Acid)	FWME1-SUW1	500 ml + Standard Sol		01/21/2025	326
SW022c03	Surface Water	Metals (in 0.5% Nitric Acid)	FWME1-SUW1	500 ml + Standard Sol		06/10/2025	337
SW023c03	Surface Water	Metals (in 0.5% Nitric Acid)	FWME1-SUW1	500 ml + Standard Sol		01/20/2026	337

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Pharmaceuticals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SW021c05	Surface Water (Standard Concentrate)	Pharmaceuticals	FWPS1-SUW1	3 ml		02/05/2025	372
	▲						
SW024c05	Surface Water (Standard Concentrate)	Pharmaceuticals	FWPS1-SUW1	3 ml		03/03/2026	385
	▲						

Routine Components

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as SW020c01 and SW020c02) you will receive only ONE litre of water and ONE spiking concentrate.

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SW020c02	Surface Water	Routine Components	FWRC1-SUW1	1 liter + spiking conc.		01/21/2025	171
SW022c02	Surface Water	Routine Components	FWRC1-SUW1	1 liter + spiking conc.		06/10/2025	177
SW023c02	Surface Water	Routine Components	FWRC1-SUW1	1 liter + spiking conc.		01/20/2026	177

Toxic Metals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
SW020c04	Surface Water	Toxic Metals (in 0.5% Nitric Acid)	FWTX1-SUW1	500 ml + spiking conc		01/21/2025	372
SW022c04	Surface Water	Toxic Metals (in 0.5% Nitric Acid)	FWTX1-SUW1	500 ml + spiking conc		06/10/2025	385
SW023c04	Surface Water	Toxic Metals (in 0.5% Nitric Acid)	FWTX1-SUW1	500 ml + spiking conc		01/20/2026	385

WASTE WATER

Anions

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c09	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		04/15/2025	152
WW053c09	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		10/14/2025	152

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Dissolved Oxygen

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c14	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		04/15/2025	166
WW053c14	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		10/14/2025	166

Hexavalent Chromium

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c07	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		04/15/2025	152
WW053c07	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		10/14/2025	152

Minerals

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c08	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		02/11/2025	147
WW051c08	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		06/17/2025	152
WW053c08	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		10/14/2025	152
WW054c08	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		02/11/2026	152

Nutrients

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c03	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		02/11/2025	173
WW050c03	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		04/15/2025	179
WW051c03	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		06/17/2025	179
WW052c03	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		08/12/2025	179

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Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW053c03	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		10/14/2025	179
WW054c03	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		02/11/2026	179

OC Pesticides (Organo-Chlorine Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW051c18	Waste Water (Standard Concentrate) NEW	OC Pesticides	FWOC1-EWW1	2 ml		06/17/2025	182

Oil & Grease

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c10	Waste Water (Standard Concentrate)	Oil & Grease (n-Hexane Extractable Material)	FWOG1-EWW1	2 ml		02/11/2025	147
WW051c10	Waste Water (Standard Concentrate)	Oil & Grease (n-Hexane Extractable Material)	FWOG1-EWW1	2 ml		06/17/2025	152
WW053c10	Waste Water (Standard Concentrate)	Oil & Grease (n-Hexane Extractable Material)	FWOG1-EWW1	2 ml		10/14/2025	152
WW054c10	Waste Water (Standard Concentrate)	Oil & Grease (n-Hexane Extractable Material)	FWOG1-EWW1	2 ml		02/11/2026	152

Oxygen Demand

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c01	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		02/11/2025	147
WW050c01	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		04/15/2025	152
WW051c01	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		06/17/2025	152
WW052c01	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		08/12/2025	152
WW053c01	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		10/14/2025	152
WW054c01	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		02/11/2026	152

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

pH & Electrical Conductivity

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c04	Waste Water (Standard solution in deionised water)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		02/11/2025	147
WW050c04	Waste Water (Standard solution in deionised water)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		04/15/2025	152
WW051c04	Waste Water (Standard solution in deionised water)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		06/17/2025	152
WW052c04	Waste Water (Standard solution in deionised water)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		08/12/2025	152
WW053c04	Waste Water (Standard solution in deionised water)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		10/14/2025	152
WW054c04	Waste Water (Standard solution in deionised water)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		02/11/2026	152

Phthalates (Environmental)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW051c16	Waste Water (Standard Concentrate)	Phthalates (Environmental)	FWPT1-EWW1	2 ml		06/17/2025	182

Polycyclic Aromatic Hydrocarbons (PAHs)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW051c17	Waste Water (Standard Concentrate) NEW	Polycyclic Aromatic Hydrocarbons	FWPC1-EWW1	2 ml		06/17/2025	182

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

Solids (residues)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c02	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		02/11/2025	161
WW050c02	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		04/15/2025	166
WW051c02	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		06/17/2025	166
WW052c02	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		08/12/2025	166
WW053c02	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		10/14/2025	166
WW054c02	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		02/11/2026	166

Solids (settleable)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c13	Waste Water (Requires dilution)	Settleable Solids	FWSS1-EWW1	25 g		04/15/2025	179
WW053c13	Waste Water (Requires dilution)	Settleable Solids	FWSS1-EWW1	25 g		10/14/2025	179

Total Cyanide

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c11	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		04/15/2025	152
WW053c11	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		10/14/2025	152

Total Sulphide

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c12	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		04/15/2025	179
WW053c12	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		10/14/2025	179

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Trace Metals 1

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c05	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		02/11/2025	198
WW050c05	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		04/15/2025	205
WW051c05	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		06/17/2025	205
WW052c05	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		08/12/2025	205
WW053c05	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		10/14/2025	205
WW054c05	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		02/11/2026	205

Trace Metals 2

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW049c06	Waste Water (Standard Concentrate)	Trace Metals 2 (in 5% Nitric Acid)	FWTM2-EWW1	20 ml		02/11/2025	187
WW050c06	Waste Water (Standard Concentrate)	Trace Metals 2 (in 5% Nitric Acid)	FWTM2-EWW1	20 ml		04/15/2025	194
WW051c06	Waste Water (Standard Concentrate)	Trace Metals 2 (in 5% Nitric Acid)	FWTM2-EWW1	20 ml		06/17/2025	194
WW053c06	Waste Water (Standard Concentrate)	Trace Metals 2 (in 5% Nitric Acid)	FWTM2-EWW1	20 ml		10/14/2025	194
WW054c06	Waste Water (Standard Concentrate)	Trace Metals 2 (in 5% Nitric Acid)	FWTM2-EWW1	20 ml		02/11/2026	194

VOCs (Volatile Organic Compounds)

Item Code	Matrix	Analytes	Product Code	Approx. Size	*	Start Date	Fee (USD)
WW050c15	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml		04/15/2025	182
WW053c15	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml		10/14/2025	182

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WATER & ENVIRONMENTAL CHEMISTRY PROFICIENCY TESTS - APPROXIMATE CONCENTRATION RANGES

BOTTLED WATER

OC Pesticides (Organo-Chlorine Pesticides)

Product Code	Matrix	Analytes	Approx. Range	Units
FWOC1-DRN41	Bottled Water	aldrin	0.006 - 0.05	µg/l
		dieldrin	0.006 - 0.05	µg/l
		heptachlor	0.006 - 0.04	µg/l
		total heptachlor epoxide	0.006 - 0.04	µg/l

Routine Components

Product Code	Matrix	Analytes	Approx. Range	Units
FWRC1-DRN41	Bottled Water	bicarbonate	10.0 - 500	mg/l
		calcium	10.0 - 150	mg/l
		chloride	6.00 - 50.0	mg/l
		magnesium	1.00 - 15.0	mg/l
		Nitrate	2.00 - 60.0	mg/l
		potassium	0.30 - 3.00	mg/l
		sodium	5.00 - 50.0	mg/l
		sulfate	8.00 - 100	mg/l
		dry residue at 180°C	50.0 - 1500	mg/l
		pH	6.0 - 10.0	pH units

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		

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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

Cyanide (free) (group 16)

Product Code	Matrix	Analytes	Approx. Range	Units
FWCF1-DRW1	Standard Concentrate	free cyanide	0.01 - 0.10	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

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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
		sulfate	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

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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
		chlorfenvinphos	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
		propramphos	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

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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
		color (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	2.0 - 75.0	µg/l
		nickel	5.0 - 30.0	µg/l
		zinc	50.0 - 500	µg/l

Taste & Odor Chemical Identification (no group)

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

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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		

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	5.0 - 60	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

Pesticide Residues (multi residues, defined list)

Product Code	Matrix	Analytes	Approx. Range	Units
FCPM15-SOI1	Soil ▲	To be confirmed	50 - 500	µg/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
		sulfate	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 - 2000	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

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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

Routine Components (group 2)

Product Code	Matrix	Analytes	Approx. Range	Units
FWRC1-SUW1	Surface Water	ammonium NH ₄	0.1 - 0.6	mg/l
		color (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

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

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
		sulfate (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

OC Pesticides (Organo-Chlorine Pesticides)

Product Code	Matrix	Analytes	Approx. Range	Units
FWOC1-EWW1	Standard Concentrate NEW	Aldrin	0.50 - 20.0	µg/l
		Chlordane (cis)	0.50 - 20.0	µg/l
		Chlordane (trans)	0.50 - 20.0	µg/l
		DDD-pp (TDE)	0.50 - 20.0	µg/l
		DDE-pp	0.50 - 20.0	µg/l
		DDT-pp	0.50 - 20.0	µg/l
		Dieldrin	0.50 - 20.0	µg/l
		Endosulfan I (alpha)	0.50 - 20.0	µg/l
		Endosulfan II (beta)	0.50 - 20.0	µg/l
		Endosulfan-sulfate	0.50 - 20.0	µg/l
		Endrin	0.50 - 20.0	µg/l
		Endrin aldehyde	0.50 - 20.0	µg/l
		Endrin ketone	0.50 - 20.0	µg/l
		HCH-A (alpha hexachlorocyclohexane)	0.50 - 20.0	µg/l
		HCH-B (beta hexachlorocyclohexane)	0.50 - 20.0	µg/l
		HCH-D (delta hexachlorocyclohexane)	0.50 - 20.0	µg/l
		HCH-G (gamma hexachlorocyclohexane)	0.50 - 20.0	µg/l
		Heptachlor	0.50 - 20.0	µg/l
		Heptachlor-epoxide (cis)	0.50 - 20.0	µg/l
		Hexachlorobenzene	0.50 - 20.0	µg/l
Hexachlorocyclopentadiene	0.50 - 20.0	µg/l		
Isodrin	0.50 - 20.0	µg/l		
Methoxychlor	0.50 - 20.0	µg/l		
Propachlor	0.50 - 20.0	µg/l		
Trifluralin	0.50 - 20.0	µg/l		

The list of pesticide residues is provided as a guideline and is subject to change. This is a semi-blind PT for screening / quantification - not all analytes will be included in the test material

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)	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 (in deionised water)	electrical conductivity @25°C	200 - 2000	µS/cm
		pH	1.0 - 13.0	pH units

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

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

Polycyclic Aromatic Hydrocarbons (PAHs)

Product Code	Matrix	Analytes	Approx. Range	Units
FWPC1-EWW1	Standard Concentrate NEW	Benz[a]anthracene	0.30 - 10.0	µg/l
		Chrysene	0.30 - 10.0	µg/l
		Benzo[b]fluoranthene	0.30 - 10.0	µg/l
		Benzo[a]pyrene	0.30 - 10.0	µg/l
		Indeno[1,2,3-cd]pyrene	0.30 - 10.0	µg/l
		Benzo[g,h,i]perylene	0.30 - 10.0	µg/l
		Benzo[b]fluoranthene	0.30 - 10.0	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

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

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)

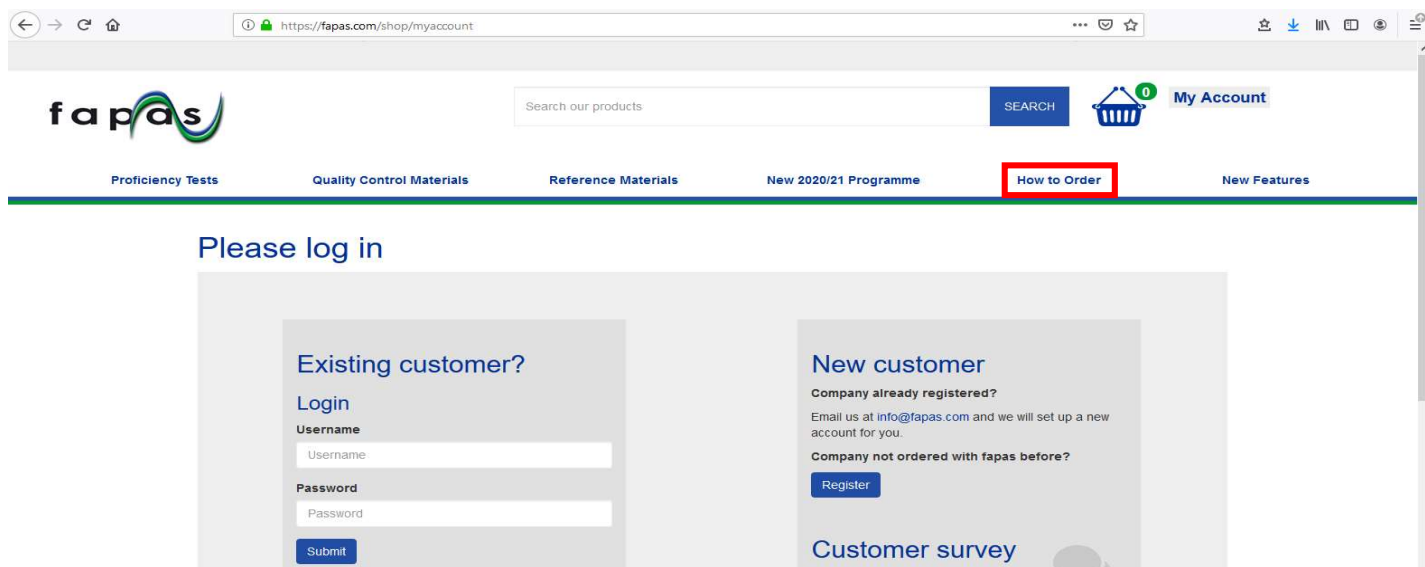
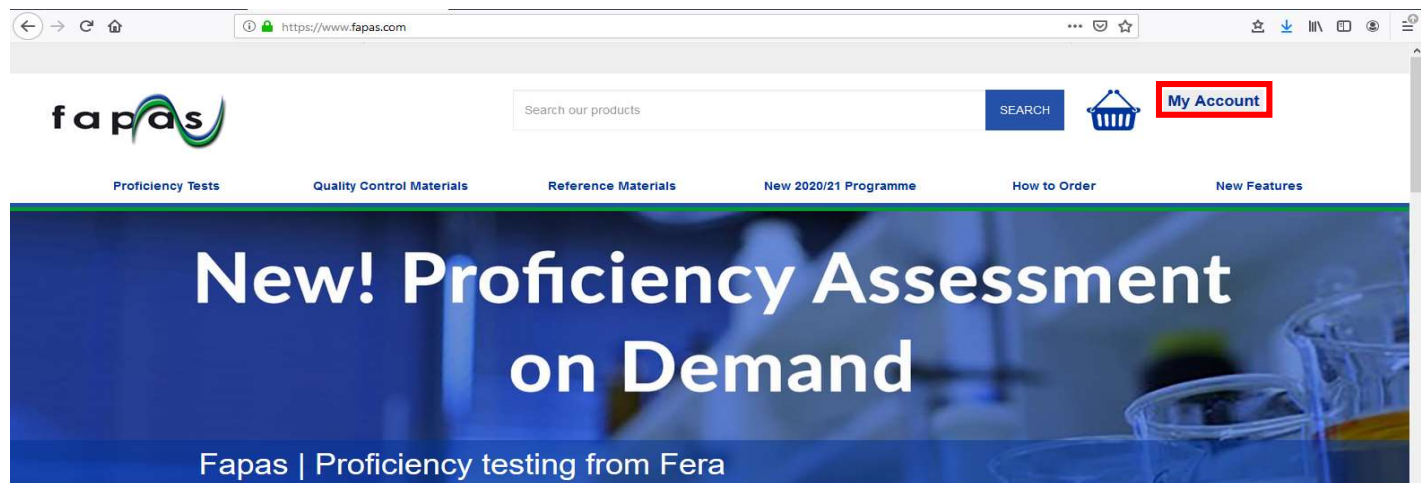
Product Code	Matrix	Analytes	Approx. Range	Units
FWTM2-EWW1	Standard Concentrate	antimony	95.0 - 900	µg/l
		barium	100 - 2500	µg/l
		boron	800 - 2000	µg/l
		molybdenum	60.0 - 600	µg/l
		silver	26.0 - 600	µg/l
		strontium	30.0 - 300	µg/l
		thallium	60.0 - 900	µg/l

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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Original thinking... applied