



WATER AND ENVIRONMENTAL CHEMISTRY

Proficiency Test List - GBP
Jan 2022 - Mar 2023



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 15 - 25

DRINKING WATER

Acid Herbicides

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0913	Drinking Water	Acid Herbicides	FWAH1-DRW1	1 litre + spiking conc.		28/06/2022	227


BTEX (Benzene, Toluene, Ethylbenzene, Xylene +)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1124	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		15/02/2022	190
DWC1125	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		26/04/2022	195
DWC1126	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		28/06/2022	195
DWC1127	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		04/10/2022	195
DWC1128	Drinking Water	BTEX	FWBT1-DRW1	1 litre + spiking conc.		14/02/2023	195


Chlorine

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1223	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		15/03/2022	87
DWC1224	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		17/05/2022	89
DWC1225	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		05/07/2022	89
DWC1226	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		08/11/2022	89
DWC1227	Drinking Water (Standard Concentrate)	Chlorine	FWCH1-DRW1	3 ml		14/03/2023	89


Contamination Incident (Emergency Scheme)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
EMY44	Drinking Water	Contamination incident	FWEM1-DRW1	3 x 1 litre + 250 ml + blanks + 500 ml		05/05/2022	714
EMY45	Drinking Water	Contamination incident	FWEM1-DRW1	3 x 1 litre + 250 ml + blanks + 500 ml		29/09/2022	714


Fluorosurfactants (PFOS & PFOA)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1906	Drinking Water (Standard Concentrate)	Fluorosurfactants (PFOS & PFOA)	FWFL1-DRW1	3 ml		15/02/2022	130
DWC1907	Drinking Water (Standard Concentrate)	Fluorosurfactants (PFOS & PFOA)	FWFL1-DRW1	3 ml		28/06/2022	134


Haloacetic Acids

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1711	Drinking Water (Ultra Pure Water)	Haloacetic Acids	FWHA1-DRW1	1 litre + spiking conc		24/05/2022	227


Hexavalent Chromium

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1816	Drinking Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-DRW1	20 ml		15/03/2022	98
DWC1817	Drinking Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-DRW1	20 ml		05/07/2022	101

Inorganic Disinfection By-products


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0523	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		15/03/2022	147
DWC0524	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		17/05/2022	151
DWC0525	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		05/07/2022	151
DWC0526	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		08/11/2022	151
DWC0527	Drinking Water (Standard Solution)	Inorganic Disinfection By-products	FWID1-DRW1	125 ml		14/03/2023	151

Major Inorganic Components


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0135	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		25/01/2022	99
DWC0136	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		15/03/2022	99
DWC0137	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		17/05/2022	102
DWC0138	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		05/07/2022	102
DWC0139	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		13/09/2022	102
DWC0140	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		08/11/2022	102
DWC0141	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		24/01/2023	102
DWC0142	Drinking Water	Major Inorganic Components	FWIC1-DRW1	1 litre + spiking conc.		14/03/2023	102

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 (GBP)
DWC0423	Drinking Water (Ultra Pure Water)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml 1 x 500 ml + spiking conc.		15/03/2022	215
DWC0424	Drinking Water (Ultra Pure Water)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml 1 x 500 ml + spiking conc.		17/05/2022	221
DWC0425	Drinking Water (Ultra Pure Water)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml 1 x 500 ml + spiking conc.		05/07/2022	221
DWC0426	Drinking Water (Ultra Pure Water)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml 1 x 500 ml + spiking conc.		08/11/2022	221
DWC0427	Drinking Water (Ultra Pure Water)	Non-Routine Metals	FWNM1-DRW1	1 x 60 ml 1 x 500 ml + spiking conc.		14/03/2023	221


OC Pesticides (Organo-Chlorine Pesticides)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1024	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		15/02/2022	190
DWC1025	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		26/04/2022	195
DWC1026	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		28/06/2022	195
DWC1027	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		04/10/2022	195
DWC1028	Drinking Water	OC Pesticides	FWOC1-DRW1	1 litre + spiking conc.		14/02/2023	195

OP Pesticides (Organo-Phosphate Pesticides)


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0824	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		22/02/2022	190
DWC0825	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		24/05/2022	195
DWC0826	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		02/08/2022	195
DWC0827	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		01/11/2022	195
DWC0828	Drinking Water	OP Pesticides	FWOP1-DRW1	1 litre + spiking conc		21/02/2023	195

Perchlorate


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC2006	Drinking Water (Standard Concentrate)	Perchlorate	FWPE1-DRW1	2ml		15/03/2022	92

PAHs (Polycyclic Aromatic Hydrocarbons)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0724	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		22/02/2022	190


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0725	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		24/05/2022	195
DWC0726	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		02/08/2022	195
DWC0727	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		01/11/2022	195
DWC0728	Drinking Water	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc		21/02/2023	195


Routine Components

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0235	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		25/01/2022	99
DWC0236	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		15/03/2022	99
DWC0237	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		17/05/2022	102
DWC0238	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		05/07/2022	102
DWC0239	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		13/09/2022	102
DWC0240	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		08/11/2022	102
DWC0241	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		24/01/2023	102
DWC0242	Drinking Water	Routine Components	FWRC1-DRW1	1 litre + spiking conc.		14/03/2023	102


See note on p5 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 (GBP)
DWC0335	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		25/01/2022	147
DWC0336	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		15/03/2022	147
DWC0337	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		17/05/2022	151
DWC0338	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		05/07/2022	151

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0339	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		13/09/2022	151
DWC0340	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		08/11/2022	151
DWC0341	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		24/01/2023	151
DWC0342	Drinking Water	Routine Metals	FWRM1-DRW1	500 ml		14/03/2023	151


Taste & Odour Chemical Identification (NOT for organoleptic testing)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
TOCHEM11	Drinking Water	Taste & Odour Chemical Identification	FWTO1-DRW1	2 x 1 litre + blank		14/07/2022	545


Total Cyanide

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1623	Drinking Water (Standard Concentrate)	Total Cyanide	FWTC1-DRW1	3 ml		15/03/2022	87
DWC1624	Drinking Water (Standard Concentrate)	Total Cyanide	FWTC1-DRW1	3 ml		05/07/2022	89


Triazines and Urea Herbicides

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC1512	Drinking Water	Triazines and Urea Herbicides	FWTU1-DRW1	1 litre + spiking conc.		15/02/2022	221
DWC1513	Drinking Water	Triazines and Urea Herbicides	FWTU1-DRW1	1 litre + spiking conc.		28/06/2022	227

Trihalomethanes / Chlorinated Solvents

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC0624	Drinking Water (Ultra Pure Water)	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		22/02/2022	190
DWC0625	Drinking Water (Ultra Pure Water)	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		24/05/2022	195
DWC0626	Drinking Water (Ultra Pure Water)	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		02/08/2022	195
DWC0627	Drinking Water (Ultra Pure Water)	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		01/11/2022	195
DWC0628	Drinking Water (Ultra Pure Water)	Trihalomethanes / Chlorinated Solvents	FWTR1-DRW1	1 litre + spiking conc.		21/02/2023	195

Uranium

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
DWC2107	Drinking Water (Standard Solution)	Uranium	FWUR1-DRW1	60ml		05/07/2022	89


SOIL

Trace Metals 5

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
SL0109	Soil	Trace Metals 5	FWTM5-SOI1	6 g	No	06/10/2022	179


SURFACE WATER

Major Inorganic Compounds


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
SW0113	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 litre + spiking conc.		01/02/2022	96
SW0114	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 litre + spiking conc.		21/06/2022	99
SW0115	Surface Water	Major Inorganic Components	FWIC1-SUW1	1 litre + spiking conc.		31/01/2023	99

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as SW0113 and SW0213) you will receive only ONE litre of water and ONE spiking concentrate.

Metals


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
SW0313	Surface Water	Metals	FWME1-SUW1	500 ml + Standard Sol		01/02/2022	183
SW0314	Surface Water	Metals	FWME1-SUW1	500 ml + Standard Sol		21/06/2022	188
SW0315	Surface Water	Metals	FWME1-SUW1	500 ml + Standard Sol		31/01/2023	188

Routine Components

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
SW0213	Surface Water	Routine Components	FWRC1-SUW1	1 litre + spiking conc.		01/02/2022	96
SW0214	Surface Water	Routine Components	FWRC1-SUW1	1 litre + spiking conc.		21/06/2022	99
SW0215	Surface Water	Routine Components	FWRC1-SUW1	1 litre + spiking conc.		31/01/2023	99


See note on page 9 for purchases of routine components and major inorganic components in the same round.

Toxic Metals


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
SW0413	Surface Water	Toxic Metals	FWTX1-SUW1	500 ml + spiking conc		01/02/2022	209
SW0414	Surface Water	Toxic Metals	FWTX1-SUW1	500 ml + spiking conc		21/06/2022	215
SW0415	Surface Water	Toxic Metals	FWTX1-SUW1	500 ml + spiking conc		31/01/2023	215

WASTE WATER

Anions


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0934	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		09/02/2022	71
WW0935	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		12/04/2022	73
WW0936	Waste Water (Standard Concentrate)	Anions	FWAN1-EWW1	20 ml		19/10/2022	73

Dissolved Oxygen


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1434	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		09/02/2022	90
WW1435	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		12/04/2022	93

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1436	Waste Water (Standard Concentrate)	Dissolved Oxygen	FWDO1-EWW1	2 ml		19/10/2022	93


Hexavalent Chromium


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0734	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		09/02/2022	74
WW0735	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		12/04/2022	76
WW0736	Waste Water (Standard Concentrate)	Hexavalent Chromium	FWHC1-EWW1	20 ml		19/10/2022	76

Minerals


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0834	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		09/02/2022	68
WW0835	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		14/06/2022	70
WW0836	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		19/10/2022	70
WW0837	Waste Water (Standard Concentrate)	Minerals	FWMI1-EWW1	2 x 20 ml		08/02/2023	70

Nutrients


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0334	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		09/02/2022	97
WW0335	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		12/04/2022	100
WW0336	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		14/06/2022	100
WW0337	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		09/08/2022	100

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0338	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		19/10/2022	100
WW0339	Waste Water (Standard Concentrate)	Nutrients	FWNU1-EWW1	4 x 60 ml		08/02/2023	100


Oil & Grease

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1034	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		09/02/2022	62
WW1035	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		14/06/2022	64
WW1036	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		19/10/2022	64
WW1037	Waste Water (Standard Concentrate)	Oil & Grease	FWOG1-EWW1	2 ml		08/02/2023	64


Oxygen Demand

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0134	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		09/02/2022	79
WW0135	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		12/04/2022	81
WW0136	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		14/06/2022	81
WW0137	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		09/08/2022	81
WW0138	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		19/10/2022	81
WW0139	Waste Water (Standard Concentrate)	Oxygen Demand	FWDE1-EWW1	20 ml		08/02/2023	81


pH & Electrical Conductivity

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0434	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		09/02/2022	83
WW0435	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		12/04/2022	85
WW0436	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		14/06/2022	85
WW0437	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		09/08/2022	85
WW0438	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		19/10/2022	85
WW0439	Waste Water (Standard Solution)	pH & Electrical Conductivity	FWPH1-EWW1	2 x 125 ml		08/02/2023	85


Phthalates (Environmental)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1609	Waste Water (Standard Concentrate)	Phthalates (Environmental)	FWPT1-EWW1	2ml		14/06/2022	102


Residues

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0234	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		09/02/2022	90
WW0235	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		12/04/2022	93
WW0236	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		14/06/2022	93
WW0237	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		09/08/2022	93
WW0238	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		19/10/2022	93
WW0239	Waste Water (Standard Solution)	Residues	FWRE1-EWW1	500 ml		08/02/2023	93


Settleable Solids

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1334	Waste Water (Requires Dilution)	Settleable Solids	FWSS1-EWW1	25 g		09/02/2022	97
WW1335	Waste Water (Requires Dilution)	Settleable Solids	FWSS1-EWW1	25 g		12/04/2022	100
WW1336	Waste Water (Requires Dilution)	Settleable Solids	FWSS1-EWW1	25 g		19/10/2022	100


Total Cyanide


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1134	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		09/02/2022	79
WW1135	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		12/04/2022	81
WW1136	Waste Water (Standard Concentrate)	Total Cyanide	FWTC1-EWW1	2 ml		19/10/2022	81

Total Sulphide


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1234	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		09/02/2022	97
WW1235	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		12/04/2022	100
WW1236	Waste Water (Standard Concentrate)	Total Sulphide	FWTS1-EWW1	20 ml		19/10/2022	100

Trace Metals 1


Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0534	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		09/02/2022	111
WW0535	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		12/04/2022	114

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0536	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		14/06/2022	114
WW0537	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		09/08/2022	114
WW0538	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		19/10/2022	114
WW0539	Waste Water (Standard Concentrate)	Trace Metals 1	FWTM1-EWW1	20 ml		08/02/2023	114

Trace Metals 2

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW0634	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		09/02/2022	105
WW0635	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		14/06/2022	108
WW0636	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		19/10/2022	108
WW0637	Waste Water (Standard Concentrate)	Trace Metals 2	FWTM2-EWW1	20 ml		08/02/2023	108

VOCs (Volatile Organic Compounds)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (GBP)
WW1534	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml	No	09/02/2022	99
WW1535	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml	No	12/04/2022	102
WW1536	Waste Water (Standard Concentrate)	VOC	FWVO1-EWW1	2 ml	No	19/10/2022	102

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	MCPA	0.01 - 0.15	µg/l
		MCPB	0.01 - 0.15	µg/l
		2,4-D	0.01 - 0.15	µg/l
		dichlorprop	0.01 - 0.15	µg/l
		dicamba,	0.01 - 0.15	µg/l
		2,4-DB	0.01 - 0.15	µg/l
		bentazone	0.01 - 0.15	µg/l
		mecoprop	0.01 - 0.15	µg/l
		propyzamide	0.01 - 0.15	µg/l
		ioxynil	0.01 - 0.15	µg/l
		bromoxynil	0.01 - 0.15	µg/l
		triclopyr	0.01 - 0.15	µg/l
		clopyralid	0.01 - 0.15	µg/l
		fluroxypyr	0.01 - 0.15	µg/l
		2,3,6-TBA	0.01 - 0.15	µg/l
		2,4,5-T	0.01 - 0.15	µg/l
		dichlobenil	0.01 - 0.15	µg/l
		bromacil	0.01 - 0.15	µg/l
		metazachlor	0.01 - 0.15	µg/l
		propachlor	0.01 - 0.15	µg/l
benazolin	0.01 - 0.15	µg/l		
metaldehyde	0.01 - 0.15	µg/l		

BTEX (group 11)

Product Code	Matrix	Analytes	Approx. Range	Units
FWBT1-DRW1	Drinking Water	benzene	0.1 - 1.5	µg/l
		toluene	0.2 - 4.0	µg/l
		ethylbenzene	0.2 - 4.0	µg/l
		styrene	0.2 - 4.0	µg/l
		o-xylene	0.2 - 4.0	µg/l
		m-xylene	0.2 - 4.0	µg/l
		p-xylene	0.2 - 4.0	µg/l
		m+p xylene	0.2 - 8.0	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, group 19)

Product Code	Matrix	Analytes	Approx. Range	Units
FWFL1-DRW1	Standard concentrate	perfluorooctane sulfonic acid PFOS	0.2 - 5.0	µg/l
		perfluorooctanoic acid PFOA	0.2 - 10.0	µg/l

Haloacetic Acids (group 17)

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

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	sodium	5.0 - 50.0	mg/l
		potassium	0.3 - 3.0	mg/l
		chloride	6.0 - 50.0	mg/l
		calcium	10.0 - 150	mg/l
		magnesium	1.0 - 15.0	mg/l
		alkalinity HCO ₃	30.0 - 300	mg/l
		total hardness Ca	30.0 - 130	mg/l
		total phosphorus P	100 - 3000	µg/l
		fluoride	150 - 1800	µg/l
sulphate	8.0 - 100	mg/l		

Non-Routine Metals (group 4)

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

OC Pesticides (group 10)

Product Code	Matrix	Analytes	Approx. Range	Units
FWOC1-DRW1	Drinking Water	endrin	0.01 - 0.15	µg/l
		dieldrin	0.006 - 0.05	µg/l
		aldrin	0.006 - 0.05	µg/l
		p,p' DDT	0.01 - 0.15	µg/l
		o,p'-DDT	0.01 - 0.15	µg/l
		p,p'-DDE	0.01 - 0.15	µg/l
		o,p'-DDE	0.01 - 0.15	µg/l
		p,p'-DDD	0.01 - 0.15	µg/l
		o,p'-DDD (TDE)	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
		trifluralin	0.01 - 0.15	µg/l
		alpha endosulphan	0.01 - 0.15	µg/l
		beta endosulphan	0.01 - 0.15	µg/l
		hexachlorobenzene	0.01 - 0.15	µg/l
		heptachlor	0.006 - 0.04	µg/l
		heptachlor epoxide (total)	0.006 - 0.04	µg/l
pentachlorobenzene	0.01 - 0.15	µg/l		
pendimethalin	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
		dichlorvos	0.01 - 0.15	µg/l
		fenitrothion	0.01 - 0.15	µg/l
		malathion	0.01 - 0.15	µg/l
		mevinphos	0.01 - 0.15	µg/l
		chlorofenvinphos	0.01 - 0.15	µg/l
		chlorpyrifos	0.01 - 0.15	µg/l
		diazinon	0.01 - 0.15	µg/l
		fenthion	0.01 - 0.15	µg/l
		parathion-ethyl	0.01 - 0.15	µg/l
		parathion-methyl	0.01 - 0.15	µg/l
		cypermethrin	0.01 - 0.15	µg/l
		propetamphos	0.01 - 0.15	µg/l

Perchlorates (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
		fluoranthene	0.01 – 0.10	µg/l
		benzo (b) fluoranthene	0.003 – 0.05	µg/l
		benzo (k) fluoranthene	0.003 – 0.05	µg/l
		naphthalene	0.005 – 0.05	µg/l
		benzo (a) pyrene	0.002 – 0.02	µg/l
		benzo (ghi) perylene	0.01 – 0.07	µg/l
		indeno (1,2,3-cd) pyrene	0.01 – 0.07	µg/l

Routine Components (group 2)

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

Routine Metals (group 3)

Product Code	Matrix	Analytes	Approx. Range	Units
FWRM1-DRW1	Drinking Water	cadmium	0.5 - 7.0	µg/l
		lead	0.5 - 20.0	µg/l
		iron	20.0 - 400	µg/l
		manganese	10.0 - 75.0	µg/l
		aluminium	20.0 - 300	µg/l
		copper	50.0 - 2000	µg/l
		zinc	50.0 - 500	µg/l
		nickel	5.0 - 30.0	µg/l
		chromium	5.0 - 50.0	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	isoproturon	0.01 - 0.15	µg/l
		diuron	0.01 - 0.15	µg/l
		linuron	0.01 - 0.15	µg/l
		chlortoluron	0.01 - 0.15	µg/l
		monuron	0.01 - 0.15	µg/l
		methabenzthiazuron	0.01 - 0.15	µg/l
		diflufenican	0.01 - 0.15	µg/l
		metamitron	0.01 - 0.15	µg/l
		simazine	0.01 - 0.15	µg/l
		atrazine	0.01 - 0.15	µg/l
		propazine	0.01 - 0.15	µg/l
		cyanazine	0.01 - 0.15	µg/l
		trietazine	0.01 - 0.15	µg/l
		prometryn	0.01 - 0.15	µg/l
		terbutryn	0.01 - 0.15	µg/l
		ametryn	0.01 - 0.15	µg/l
		carbetamide	0.01 - 0.15	µg/l
pirimicarb	0.01 - 0.15	µg/l		

Trihalomethanes / Chlorinated Solvents (group 6)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTR1-DRW1	Drinking Water	chloroform	2.0 - 100	µg/l
		dichloromethane	2.0 - 40.0	µg/l
		bromodichloromethane	2.0 - 50.0	µg/l
		dibromochloromethane	2.0 - 50.0	µg/l
		bromoform	2.0 - 50.0	µg/l
		trichloroethene	0.5 - 10.0	µg/l
		tetrachloroethene	0.5 - 10.0	µg/l
		carbon tetrachloride	0.5 - 4.0	µg/l
		1,2-dichloroethane	0.5 - 4.0	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
		hexachlorobutadiene	0.01 - 0.15	µg/l
		1,1,1-trichloroethane	0.1 - 2.0	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 5 (no group)

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

SURFACE WATER

Major Inorganic Components (group 1)

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

Metals (group 3)

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

Routine Components (group 2)

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

Toxic Metals (group 4)

Product Code	Matrix	Analytes	Approx. Range	Units
FWTX1-SUW1	Surface Water	cadmium	0.2 - 7.0	µg/l
		lead	1.0 - 25.0	µg/l
		nickel	3.0 - 30.0	µg/l
		selenium	1.0 - 15.0	µg/l
		arsenic	1.0 - 15.0	µg/l
		antimony	0.5 - 7.0	µg/l
		mercury	0.1 - 2.0	µg/l
		cobalt	2.0 - 30.0	µg/l
		vanadium	2.0 - 30.0	µg/l
		chromium	3.0 - 60.0	µg/l
		molybdenum	2.0 - 30.0	µg/l
		tin	1.0 - 100	µg/l
		beryllium	1.0 - 10.0	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
		total hardness (as CaCO ₃)	17.0 - 675	mg/l
		magnesium	2.0 - 40.0	mg/l
		potassium	4.0 - 40.0	mg/l
		sodium	6.0 - 100	mg/l

Nutrients (group 3)

Product Code	Matrix	Analytes	Approx. Range	Units
FWNU1-EWW1	Standard Concentrate	nitrate (as N)	0.5 - 50.0	mg/l
		nitrite (as N)	0.2 - 10.0	mg/l
		ammonia (as N)	0.2 - 20.0	mg/l
		chloride	10.0 - 500	mg/l
		orthophosphate (as P)	1.0 - 100	mg/l
		sulphate (as SO ₄)	10.0 - 500	mg/l
		total phosphorus (as P)	0.2 - 5.0	mg/l
		kjeldahl nitrogen (as N)	2.0 - 50.0	mg/l
		total nitrogen (as N)	2.0 - 50.0	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	pH	1.0 - 13.0	pH units
		electrical conductivity @25°C	200 - 2000	µS/cm

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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