

## Method List

### Chemistry Methods

Code No	Code Name	Method	Accredited	In Matrix (Bold = Accredited matrix)	Maximum storage/stability time between sampling and analysis	Submission days for accredited result (if applicable)
1	ALKTI	Alkalinity (Titration)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	48 hours	Monday to Friday
2	ALSPEC	Aluminium (Colourimetric)	YES	<b>Drinking / Ground / Surface waters</b>	7 days	Monday to Friday
3	AMMKO	Ammonium (Kone)	YES	<b>Drinking / Ground / Surface / Leachate / Waste waters</b>	24 hours	Monday to Friday
4	BOD	BOD (Meter)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	24 hours	Tuesday & Wednesday (Weds & Thurs in weeks preceding Bank Holidays)
5	CALCO	Calcium (Kone)	YES	<b>Drinking / Ground / Surface waters</b>	7 days	Monday to Friday
6	CHLORK	Chloride (Kone)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
7	CODOT	COD (Open Tube)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	4 days	Monday to Friday
8	COLRES	Colour	no	Potable / Raw	24 hours	Monday to Friday
8	COLRES	Residual Chlorine (Comparitive)	no	Potable / Raw	Analysed immediately on receipt.	Monday to Friday
9	COND	Conductivity (Meter)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	Analysed on day of receipt	Monday to Friday
10	COPPER	Copper (AAS)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
11	DUST	Dust (Absorbtiometer)	no	N/A - Sample consists of gauge pot contents	1 month	Monday to Friday
12	FLUOR	Fluoride (Meter)	YES	<b>Drinking / Ground / Surface waters</b>	1 week	Monday to Friday
14	IRON	Iron (AAS)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
16	MANGAN	Manganese (AAS)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
17	NRITEKO	Nitrite (Kone)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	24 hours	Monday to Friday
20	PH	pH (Meter)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	Analysed on day of receipt	Monday to Friday
21	PHOSKO	Phosphate (Kone)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
22	POTASS	Potassium (FES)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
24	SSOL	Suspended Solids (Filtration)	no	All waters	14 days	Monday to Friday
25	SILKO	Silicate (Kone)	no	Drinking / Ground / Surface waters	7 days	Monday to Friday
27	SODIUM	Sodium (FES)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
28	SULPHKO	Sulphate (Kone)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
29	TOTKO	Total Hardness (Kone)	YES	<b>Drinking / Ground / Surface waters</b>	7 days	Monday to Friday
30	TASODO	Taste	no	Potable water	4 days	Monday to Wednesday
30	TASODO	Odour	no	Potable water	4 days	Monday to Wednesday
31	TOC	TOC (Persulphate)	YES	<b>Drinking / Ground / Surface / Leachate / Saline waters</b>	7 days	Monday to Friday
32	TONK	TON (Kone)	YES	<b>Drinking / Ground / Surface waters / Leachate</b>	24 hours	Monday to Friday
33	TURB	Turbidity (Meter)	YES	<b>Drinking / Ground / Surface waters</b>	24 hours	Monday to Friday
34	ZINC	Zinc	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
45	TDSOL	Total Dissolved Solids (Evaporation)	no	Drinking / Ground / Surface / Leachate / Waste	14 days	Monday to Friday
47	NO3CALC	Nitrate (Calculation)	YES	<b>Drinking / Ground / Surface waters</b>	N/A	Monday to Friday
48	CALAAS	Calcium (AAS)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
49	MAGAAS	Magnesium (AAS)	YES	<b>Drinking / Ground / Surface / Leachate / Waste / Saline waters</b>	7 days	Monday to Friday
51	DISSO2	Dissolved Oxygen (Meter)	no	Drinking / Ground / Surface / Leachate / Waste / Saline waters	Analysed immediately on receipt.	Monday to Friday
60	Pb1	Lead (GFAAS)	no	Potable / Raw	14 days	Monday to Friday
61	Al1	Aluminium (GFAAS)	no	Potable / Raw	14 days	Monday to Friday
63	Ni1	Nickel (GFAAS)	no	Drinking / Ground / Surface / Leachate / Waste	14 days	Monday to Friday
64	Cr1	Chromium (GFAAS)	no	Drinking / Ground / Surface / Leachate / Waste	14 days	Monday to Friday
65	Cd1	Cadmium (GFAAS)	no	Drinking / Ground / Surface / Leachate / Waste	14 days	Monday to Friday
67	UVA254	Absorbance @ 254 nm	no	Potable / Raw	48 hours	Monday to Friday
68	IODO	Available Cl <sub>2</sub> (Titration)	no	Treated waters / Water treatments	Analysed immediately on receipt.	Monday to Friday
70	CANNABIS	Cannabis (GC-MS)	no	N/A	No time limit specified	Monday to Friday
71	PVT	Mass of Particles (Gravimetric)	no	Filtration equipment (using the Preferred Vacuum Test)	No time limit specified	Monday to Friday

## Microbiology Methods

Code No	Code Name	Method	Accredited	In Matrix (Bold = Accredited)	Maximum storage/stability time between sampling and analysis	Submission Days for accredited result (if applicable)
35	COUNT	Colony Counts (37° YEA)	YES	<b>Drinking / Recreational / Surface / Sewage waters</b>	24 hours	Monday Tuesday Wednesday Thursday
35	COUNT	Colony Counts (22° YEA)	YES	<b>Drinking / Recreational / Surface / Sewage waters</b>	24 hours	Monday Tuesday Wednesday Friday
37	COLIRAW	Coliforms / E. coli (MF) (Raw)	YES	<b>Recreational / Surface / Sewage waters</b>	24 hours	Monday Tuesday Wednesday Thursday
38	COLISEA	E. coli (MF) (Sea)	YES	<b>Recreational waters (Marine and Estuarine)</b>	24 hours	Monday Tuesday Wednesday Thursday
40	ENTERO	Enterococci (MF)	YES	<b>Drinking / Recreational (Manmade, Marine and Estuarine) / Surface / Sewage waters</b>	24 hours	Monday Tuesday Wednesday
43	MULTI	Coli / F.coli / E.coli (M Tube) (Water)	no	Drinking / Ground / Surface waters / Sewage Waters	24 hours	Monday Tuesday Wednesday Thursday
52	ECFISH	E.coli (M Tube TBX) (Shellfish)	YES	<b>Shellfish meat</b>	24 hours	Monday Tuesday Wednesday Thursday
55	ALGAE	Algae (Microscopy)	no	All water types	24 hours	Monday Tuesday Wednesday Thursday Friday
56	COUNT2	Colony Counts (22° R2A)	no	Potable / RO waters	24 hours	Monday Tuesday Wednesday Thursday Friday
57	PSEUDO	Pseudomonas aeruginosa (MF)	YES	<b>Drinking / Recreational (Manmade) / RO waters</b>	24 hours	Monday Tuesday Wednesday
58	CLOST	Clostridia perfringens (MF)	no	Drinking / Recreational (Manmade, Marine and Estuarine) / Surface / Sewage waters	24 hours	Tuesday
59	COLILERT	Coliforms / E.coli (Colilert)	YES	<b>Drinking / Recreational / Surface / Sewage waters</b>	24 hours	Monday Tuesday Wednesday Thursday Friday
62	COUNT3	Colony Counts (30° TSA)	no	Potable / RO waters	24 hours	Monday Wednesday Thursday
66	LEGION	Legionella	YES	<b>Recreational / Mains / Process waters (cooling towers)</b>	48 hours	Monday 8:30 – 17:00 Tuesday 8:30 – 13:00 Thursday 8:30 – 17:00 Friday 8:30 – 13:00
69	COMPOST	E.coli (M. Tube TBX) (Compost)	no	Soil / Compost samples	24 hours	Monday Tuesday Wednesday Thursday

- The sample matrices relevant to each method which fall within the Laboratory's scope of accreditation are listed in the Laboratory's accreditation schedule, available on the UKAS website.  
[https://www.ukas.com/wp-content/uploads/schedule\\_uploads/00002/1749Testing%20Single.pdf](https://www.ukas.com/wp-content/uploads/schedule_uploads/00002/1749Testing%20Single.pdf)
- In order to conform with the stability times all samples must be submitted to the Laboratory within 2 hours of taking the sample. If this is not feasible, samples shall be kept refrigerated between 2 and 8°C until submission to the Laboratory is possible. Any samples not meeting these criteria will be marked as deviating samples on the test report with associated results being reported as unaccredited. (Please see separate submission instructions for Legionella and Shellfish samples.)
- Samples submitted for tests outside of the Laboratory's stated submission days/times will, if accepted, be reported unaccredited unless this has been prior agreed with the Laboratory.
- Tests other than those listed in the table above are available on request. Please contact the laboratory to discuss any specific requirements.