

MICROBIOLOGY STABILITY TIMES

DESCRIPTION OF ANALYSIS	MAX TIME FROM SAMPLING UNTIL PREPARATION IN DAYS (WHERE APPLICABLE)	STABILITY TIME FROM PREPARATION TO ANALYSIS IN DAYS	MAX STABILITY TIME FROM SAMPLING TO ANALYSIS	METHOD REFERENCE
Total Coliforms by Membrane Filtration in Clean Waters to include per 100, 250 and 1000 ml	n/a	n/a	1	C EC POTABLE BY MF
Total coliforms by presence/absence as P/NF per swab	n/a	n/a	1	C EC POTABLE BY MF
Faecal coliforms by Membrane Filtration in Clean Waters to include per 100, 250 and 1000 ml	n/a	n/a	1	C EC POTABLE BY MF
E.coli by Membrane Filtration in Clean Waters to include per 100, 250 and 1000 ml	n/a	n/a	1	C EC POTABLE BY MF
Total coliforms by Colilert in Clean Waters per 100ml	n/a	n/a	1	TC AND EC BY COLILERT
E.coli by Colilert in Clean Waters per 100ml	n/a	n/a	1	TC AND EC BY COLILERT
Enterococci by Membrane Filtration Clean Waters per 100ml, 250 and 1000 ml	n/a	n/a	1	EF POTABLE BY MF
Clostridium perfringens by Membrane Filtration (incl Spores) in Clean and Raw Waters to include per 100, 250 and 1000 ml	n/a	n/a	1	C PERFRINGENS BY MF
Pseudomonas aeruginosa by Membrane Filtration in Clean and Raw matrices per 100ml or 250ml	n/a	n/a	1	P AERUGINOSA BY MF
Total Viable Count (Total) by pour plate at 22 C per 1 ml	n/a	n/a	1	TVC BY POUR PLATE

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Total Viable Count (Total) by pour plate at 37 C per 1 ml	n/a	n/a	1	TVC BY POUR PLATE
Cryptosporidium as oocysts by Chemical Floc and IMS - Indicative Test Only - per 10L Raw matrices only	n/a	n/a	10	CRYPTO CHEM FLOC
Cryptosporidium as oocysts by Filtamax and IMS Clean and Raw waters	n/a	n/a	2	CRYPTO FILTA MAX
E.coli by MF no /100g in Sludge	n/a	n/a	1	EC IN SLUDGE BY MF
Salmonella sp. by presence/absence (dry weight) in Sludge per 2 g	n/a	n/a	1	SALM P/A IN SLUDGE
Total coliforms by Membrane Filtration in Raw and Waste matrices per 100ml	n/a	n/a	1	RAW AND WASTE WATER BY MF
Faecal coliforms by Membrane Filtration in Raw and Waste matrices per 100ml	n/a	n/a	1	RAW AND WASTE WATER BY MF
Enterococci by Membrane Filtration in Raw and Waste matrices per 100ml	n/a	n/a	1	RAW AND WASTE WATER BY MF

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Salmonella sp. by Most Probable Number in Raw Water per 100ml	n/a	n/a	1	SALM BY MPN
Algology - All varieties of Algae to include Diatoms, Flagellates Blue Green Algae as cells/ml	Iodine added onsite or within 24 hours of sampling.	Considered stable once preserved	n/a	ALGAL CELLS IN WATER
Sewage Biology by Microscopy- All protozoans and Metazoans no/ml	n/a	n/a	1	SEWAGE BY MICROSCOPY
Chlorophyll A (Total) as ug/l (by Spectrophotometry)	n/a	n/a	3	CHLOROPHYLL
Transmittance at 254nm (1cm Cell) as % in Waste (by Cecil - Spectrophotometry)	n/a	n/a	1	UV TRANS BY SPEC