



WATER		
Parameters	POS.NUM OF METHOD.REVISION/ STANDARD	Analytical Method
Dissolved elements: Aluminium, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Calcium, Lead, Cobalt, Copper, Chromium, Iron, Lanthanum, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Silver, Selenium, Silicon, Sodium, Sulphur, Strontium, Tin, Titanium, Tungsten, Vanadium, Zinc and Zirconium	POW.001	ICP-OES
Hardness	POW.001	Calculation
pH	EN ISO 10523	Potentiometry
Electrical conductivity/ Salinity/ Total Dissolved Solids (TDS)	POW.003	Conductimetry / Calculation
Nitrate	POW.004	uv-vis spectrophotometry
Ammonium	POW.005	uv-vis spectrophotometry
Nitrite	POW.006	uv-vis spectrophotometry
Chloride	POW.007	uv-vis spectrophotometry
Bicarbonate	POW.008	Volumetry
Total suspended solids	POW.009	Gravimetry
Oxidability (Permanganate Index)	POW.010	Volumetry
Turbidity	POW.011	uv-vis spectrophotometry
Colour	POW.012	uv-vis spectrophotometry
Carbonates	POW.013	Volumetry
Sodium absorption ratio	POW.014	Calculation
Alkalinity (pH 4,5)	POW.015	Volumetry
Sulphate	POW.016	uv-vis spectrophotometry
Fluoride	POW.017	uv-vis spectrophotometry
Ortho-phosphate	POW.018	uv-vis spectrophotometry
Langelier index	POW.019	Calculation
Density	POW.020	Gravimetry
Refractive index	POW.021	Refractometry
Total nitrogen	POW.022	Elemental analysis and uv-vis spectrophotometry
Total carbon, Organic carbon, Organic matter	POW.023	Elemental analysis and uv-vis spectrophotometry
Dry residue	POW.024	Gravimetry