

Drinking Water (lot 0524) - Major ions and nutrients

Art. ID	NW-LETH-13
Unit	500 mL
Deliverydetails	No Dangerous Good /not restricted

Description

NW-LETH-13 was collected from Lethbridge, Alberta in 2013. The bulk sample was pre filtered to remove particulates and filtered through a 0.2 µm sterilizing filter to remove bacteria. This bulk Major Ions and Nutrients in water RM is stored in a dark cold room and is unpreserved. This Reference Material is intended for the verification or development of analytical methods for environmental analysis. It is not intended for use as a calibration standard.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Alkalinity, Total (as CaCO ₃)		127 ± 5	mg/L		
	Ammonia (as N)		0,313 ± 0,045	mg/L		
	Boron (B)	[7440-42-8]	0,0313 ± 0,0042	mg/L		
	Calcium (Ca)	[7440-70-2]	41,7 ± 3,0	mg/L		
	Chloride (Cl)		20,0 ± 1,0	mg/L		
	Conductivity (25°C)		388 ± 13	µS/cm		
	Dissolved Inorganic Carbon (DIC)		29,9 ± 3,6	mg/L		
	Dissolved Organic Carbon (DOC)		1,88 ± 0,37	mg/L		
	Fluoride (F)		0,769 ± 0,067	mg/L		
	Magnesium (Mg)	[7439-95-4]	15,5 ± 1,2	mg/L		
	Potassium (K)	[7440-09-7]	1,63 ± 0,15	mg/L		
	Silicates (as SiO ₂)		2,64 ± 0,17	mg/L		
	Sodium (Na)	[7440-23-5]	13,2 ± 0,9	mg/L		
	Sulfate (as SO ₄)	[14808-79-8]	41,2 ± 2,1	mg/L		
	Hardness, Total (as CaCO ₃)		168 ± 13	mg/L		
	Total Kjeldahl Nitrogen (TKN)		0,429 ± 0,094	mg/L		
	Total nitrogen		0,490 ± 0,069	mg/L		