

Lake Water (lot 1123) - Major ions and nutrients

Art. ID	NW-BIGMOOSE-14
Unit	500 mL
Deliverydetails	No Dangerous Good /not restricted

Description

NW-BIGMOOSE-14 was collected from Big Moose Lake, New York in August 2014. 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
	Aluminium (Al)	[7429-90-5]	0,157 ± 0,016	mg/L		
	Ammonia (as N)		0,0503 ± 0,008	mg/L		
	Calcium (Ca)	[7440-70-2]	1,42 ± 0,12	mg/L		
	Colour (Hazen units)		22,3 ± 5,5			
	Dissolved Organic Carbon (DOC)		4,17 ± 0,53	mg/L		
	Fluoride (F)		0,0445 ± 0,0083	mg/L		
	Magnesium (Mg)	[7439-95-4]	0,224 ± 0,016	mg/L		
	Nitrate + Nitrite (as N)		0,267 ± 0,019	mg/L		
at 25°C	pH (25°C)		6,15 ± 0,25			
	Potassium (K)	[7440-09-7]	0,303 ± 0,03	mg/L		
	Silica (as Si)		1,57 ± 0,13	mg/L		
	Sodium (Na)	[7440-23-5]	0,674 ± 0,064	mg/L		
	Sulfate (as SO ₄)	[14808-79-8]	2,48 ± 0,14	mg/L		
	Total nitrogen		0,444 ± 0,048	mg/L		