

Trace Elements in Water (lot 1122)

Art. ID	NW-TMDA-54.6
Unit	250 mL
Deliverydetails	No Dangerous Good /not restricted

Description

Trace element matrix Reference Materials (RMs) are made with filtered and diluted Lake Ontario water and are preserved with 0.2% nitric acid. This fortified bulk RM has concentrations in the high/low range. 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]	389 ± 28	µg/L		
	Antimony (Sb)	[7440-36-0]	27,4 ± 2,0	µg/L		
	Arsenic (As)	[7440-38-2]	45,1 ± 3,3	µg/L		
	Barium (Ba)	[7440-39-3]	324 ± 20	µg/L		
	Beryllium (Be)	[7440-41-7]	17,2 ± 1,4	µg/L		
	Boron (B)	[7440-42-8]	58,8 ± 6,6	µg/L		
	Cadmium (Cd)	[7440-43-9]	156 ± 8	µg/L		
	Chromium (Cr)	[7440-47-3]	421 ± 25	µg/L		
	Cobalt (Co)	[7440-48-4]	304 ± 20	µg/L		
	Copper (Cu)	[7440-50-8]	393 ± 29	µg/L		
	Gallium (Ga)	[7440-55-3]	12,5 ± 0,9	µg/L		
	Iron (Fe)	[7439-89-6]	367 ± 22	µg/L		
	Lead (Pb)	[7439-92-1]	490 ± 32	µg/L		
	Lithium (Li)	[7439-93-2]	21,4 ± 2,0	µg/L		
	Manganese (Mn)	[7439-96-5]	274 ± 14	µg/L		
	Molybdenum (Mo)	[7439-98-7]	293 ± 21	µg/L		
	Nickel (Ni)	[7440-02-0]	323 ± 20	µg/L		
	Rubidium (Rb)	[7440-17-7]	14,1 ± 0,8	µg/L		
	Selenium (Se)	[7782-49-2]	34,8 ± 3,1	µg/L		
	Silver (Ag)	[7440-22-4]	12,9 ± 1,0	µg/L		
	Strontium (Sr)	[7440-24-6]	574 ± 34	µg/L		
	Thallium (Tl)	[7440-28-0]	28,1 ± 1,9	µg/L		
	Tin (Sn)	[7440-31-5]	45,3 ± 3,0	µg/L		
	Titanium (Ti)	[7440-32-6]	32,8 ± 2,8	µg/L		
	Uranium (U)	[7440-61-1]	56,7 ± 3,5	µg/L		
	Vanadium (V)	[7440-62-2]	341 ± 23	µg/L		
	Zinc (Zn)	[7440-66-6]	539 ± 36	µg/L		

