

Trace Elements in Water (lot 0524)

Art. ID	NW-TM-DWS.3
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 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]	56,8 ± 5,5	µg/L		
	Antimony (Sb)	[7440-36-0]	3,37 ± 0,33	µg/L		
	Arsenic (As)	[7440-38-2]	4,77 ± 0,42	µg/L		
	Barium (Ba)	[7440-39-3]	147 ± 10	µg/L		
	Beryllium (Be)	[7440-41-7]	14 ± 1,3	µg/L		
	Boron (B)	[7440-42-8]	79,8 ± 7,9	µg/L		
	Cadmium (Cd)	[7440-43-9]	4,82 ± 0,39	µg/L		
	Chromium (Cr)	[7440-47-3]	44,3 ± 2,8	µg/L		
	Cobalt (Co)	[7440-48-4]	51,4 ± 3,5	µg/L		
	Copper (Cu)	[7440-50-8]	163 ± 11	µg/L		
	Iron (Fe)	[7439-89-6]	225 ± 14	µg/L		
	Lead (Pb)	[7439-92-1]	6,85 ± 0,54	µg/L		
	Lithium (Li)	[7439-93-2]	20,2 ± 1,9	µg/L		
	Manganese (Mn)	[7439-96-5]	47,3 ± 3,2	µg/L		
	Molybdenum (Mo)	[7439-98-7]	65,9 ± 4,3	µg/L		
	Nickel (Ni)	[7440-02-0]	83,1 ± 5,1	µg/L		
	Rubidium (Rb)	[7440-17-7]	0,462 ± 0,071	µg/L		
	Silver (Ag)	[7440-22-4]	9,59 ± 0,76	µg/L		
	Strontium (Sr)	[7440-24-6]	240 ± 17	µg/L		
	Thallium (Tl)	[7440-28-0]	8,43 ± 0,66	µg/L		
	Uranium (U)	[7440-61-1]	14,5 ± 1	µg/L		
	Vanadium (V)	[7440-62-2]	45,5 ± 2,9	µg/L		
	Zinc (Zn)	[7440-66-6]	393 ± 28	µg/L		