

## **Trace Elements in Water (lot 0524)**

Art. ID	NW-TM-23.5
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]	95,9 ± 9,3	µg/L		
	Antimony (Sb)	[7440-36-0]	3,44 ± 0,27	µg/L		
	Arsenic (As)	[7440-38-2]	8,06 ± 0,7	µg/L		
	Barium (Ba)	[7440-39-3]	14,0 ± 1	µg/L		
	Beryllium (Be)	[7440-41-7]	2,13 ± 0,24	µg/L		
	Bismuth (Bi)	[7440-69-9]	3,03 ± 0,53	µg/L		
	Boron (B)	[7440-42-8]	17,5 ± 2,7	µg/L		
	Cadmium (Cd)	[7440-43-9]	2,98 ± 0,26	µg/L		
	Chromium (Cr)	[7440-47-3]	7,12 ± 0,48	µg/L		
	Cobalt (Co)	[7440-48-4]	7,36 ± 0,54	µg/L		
	Copper (Cu)	[7440-50-8]	7,68 ± 0,061	µg/L		
	Gallium (Ga)	[7440-55-3]	0,91 ± 0,061	µg/L		
	Lead (Pb)	[7439-92-1]	2,96 ± 0,27	µg/L		
	Lithium (Li)	[7439-93-2]	9,99 ± 0,86	µg/L		
	Manganese (Mn)	[7439-96-5]	8,41 ± 0,66	µg/L		
	Molybdenum (Mo)	[7439-98-7]	4,17 ± 0,39	µg/L		
	Nickel (Ni)	[7440-02-0]	5 ± 0,45	µg/L		
	Rubidium (Rb)	[7440-17-7]	0,734 ± 0,069	µg/L		
	Selenium (Se)	[7782-49-2]	4,95 ± 0,72	µg/L		
	Strontium (Sr)	[7440-24-6]	114 ± 7	µg/L		
	Thallium (Tl)	[7440-28-0]	4,08 ± 0,32	µg/L		
	Tin (Sn)	[7440-31-5]	2,83 ± 0,29	µg/L		
	Titanium (Ti)	[7440-32-6]	3,33 ± 0,36	µg/L		
	Tungsten (W)	[7440-33-7]	4,07 ± 0,53	µg/L		
	Uranium (U)	[7440-61-1]	5,01 ± 0,37	µg/L		
	Vanadium (V)	[7440-62-2]	0,326 ± 0,08	µg/L		