

## **Trace Elements in Water (lot 1123)**

Art. ID	NW-TMDA-52.5
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 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
	Antimony (Sb)	[7440-36-0]	16,4 ± 1,3	µg/L		
	Arsenic (As)	[7440-38-2]	25,1 ± 1,9	µg/L		
	Barium (Ba)	[7440-39-3]	138 ± 9	µg/L		
	Beryllium (Be)	[7440-41-7]	16,9 ± 1,9	µg/L		
	Bismuth (Bi)	[7440-69-9]	10,2 ± 1,6	µg/L		
	Boron (B)	[7440-42-8]	12,4 ± 1,9	µg/L		
	Cadmium (Cd)	[7440-43-9]	83,2 ± 5,3	µg/L		
	Chromium (Cr)	[7440-47-3]	156 ± 11	µg/L		
	Cobalt (Co)	[7440-48-4]	124 ± 9	µg/L		
	Copper (Cu)	[7440-50-8]	179 ± 12	µg/L		
	Gallium (Ga)	[7440-55-3]	13,6 ± 1,1	µg/L		
	Iron (Fe)	[7439-89-6]	334 ± 23	µg/L		
	Lead	[7439-92-1]	332 ± 27	µg/L		
	Manganese (Mn)	[7439-96-5]	191 ± 12	µg/L		
	Molybdenum (Mo)	[7439-98-7]	196 ± 14	µg/L		
	Nickel (Ni)	[7440-02-0]	260 ± 20	µg/L		
	Rubidium (Rb)	[7440-17-7]	15,8 ± 0,9	µg/L		
	Selenium (Se)	[7782-49-2]	22,4 ± 1,9	µg/L		
	Strontium (Sr)	[7440-24-6]	272 ± 18	µg/L		
	Thallium (Tl)	[7440-28-0]	18,0 ± 1,1	µg/L		
	Tin (Sn)	[7440-31-5]	18,9 ± 1,3	µg/L		
	Titanium (Ti)	[7440-32-6]	110 ± 8	µg/L		
	Uranium (U)	[7440-61-1]	21,5 ± 1,5	µg/L		
	Vanadium (V)	[7440-62-2]	135 ± 10	µg/L		
	Zinc (Zn)	[7440-66-6]	273 ± 23	µg/L		