

Trace Elements in Water (lot 1122) - please ask for availability

Art. ID NW-TM-15.3-1122
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]	91 ± 8,5	µg/L		
	Antimony (Sb)	[7440-36-0]	16,7 ± 1,4	µg/L		
	Arsenic (As)	[7440-38-2]	16,2 ± 1,2	µg/L		
	Barium (Ba)	[7440-39-3]	13,7 ± 0,9	µg/L		
	Beryllium (Be)	[7440-41-7]	15,7 ± 1,3	µg/L		
	Boron (B)	[7440-42-8]	25,8 ± 3,4	µg/L		
	Cadmium (Cd)	[7440-43-9]	13,1 ± 0,7	µg/L		
	Chromium (Cr)	[7440-47-3]	16,7 ± 1,0	µg/L		
	Cobalt (Co)	[7440-48-4]	15,3 ± 1,0	µg/L		
	Copper (Cu)	[7440-50-8]	17,2 ± 1,4	µg/L		
	Iron (Fe)	[7439-89-6]	26,6 ± 2,7	µg/L		
	Lead (Pb)	[7439-92-1]	11,6 ± 0,8	µg/L		
	Lithium (Li)	[7439-93-2]	15,3 ± 1,6	µg/L		
	Manganese (Mn)	[7439-96-5]	18,3 ± 1,2	µg/L		
	Molybdenum (Mo)	[7439-98-7]	14,7 ± 1,2	µg/L		
	Nickel (Ni)	[7440-02-0]	17,6 ± 1,3	µg/L		
	Rubidium (Rb)	[7440-17-7]	0,778 ± 0,070	µg/L		
	Silver (Ag)	[7440-22-4]	11,1 ± 0,9	µg/L		
	Strontium (Sr)	[7440-24-6]	114 ± 7	µg/L		
	Thallium (Tl)	[7440-28-0]	18,2 ± 1,3	µg/L		
	Tin (Sn)	[7440-31-5]	15,0 ± 1,2	µg/L		
	Titanium (Ti)	[7440-32-6]	14,9 ± 1,3	µg/L		
	Uranium (U)	[7440-61-1]	15,4 ± 1,1	µg/L		
	Vanadium (V)	[7440-62-2]	14,2 ± 0,9	µg/L		