

## **River Water - Certified Reference Material for Trace Metals**

Art. ID                      NRC-SLRS-6  
Unit                         200 mL  
Deliverydetails            No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	33.9 ± 2.2	µg/kg		
	Antimony (Sb)	[7440-36-0]	0.3377 ± 0.0058	µg/kg		
	Arsenic (As)	[7440-38-2]	0.57 ± 0.08	µg/kg		
	Barium (Ba)	[7440-39-3]	14.30 ± 0.48	µg/kg		
	Cadmium (Cd)	[7440-43-9]	0.0063 ± 0.0014	µg/kg		
	Calcium (Ca)	[7440-70-2]	8770 ± 200	µg/kg		
	Chromium (Cr)	[7440-47-3]	0.252 ± 0.012	µg/kg		
	Copper (Cu)	[7440-50-8]	24.0 ± 1.8	µg/kg		
	Iron (Fe)	[7439-89-6]	84.5 ± 3.6	µg/kg		
	Lead (Pb)		0.170 ± 0.026	µg/kg		
	Magnesium (Mg)	[7439-95-4]	2137 ± 58	µg/kg		
	Manganese (Mn)	[7439-96-5]	2.12 ± 0.10	µg/kg		
	Molybdenum (Mo)	[7439-98-7]	0.215 ± 0.018	µg/kg		
	Nickel (Ni)	[7440-02-0]	0.617 ± 0.022	µg/kg		
	Potassium (K)	[7440-09-7]	652 ± 54	µg/kg		
	Sodium (Na)	[7440-23-5]	2770 ± 220	µg/kg		
	Strontium (Sr)	[7440-24-6]	40.72 ± 0.32	µg/kg		
	Uranium (U)	[7440-61-1]	0.0699 ± 0.0034	µg/kg		
	Vanadium (V)	[7440-62-2]	0.352 ± 0.006	µg/kg		
	Zinc (Zn)	[7440-66-6]	1.76 ± 0.12	µg/kg		
	Aluminium (Al)	[7429-90-5]	33.9 ± 2.2	µg/L		
	Antimony (Sb)	[7440-36-0]	0.3382 ± 0.0058	µg/L		
	Arsenic (As)	[7440-38-2]	0.57 ± 0.08	µg/L		
	Barium (Ba)	[7440-39-3]	14.32 ± 0.48	µg/L		
	Cadmium (Cd)	[7440-43-9]	0.0063 ± 0.0014	µg/L		
	Calcium (Ca)	[7440-70-2]	8790 ± 200	µg/L		
	Chromium (Cr)	[7440-47-3]	0.253 ± 0.012	µg/L		
	Copper (Cu)	[7440-50-8]	24.0 ± 1.8	µg/L		
	Iron (Fe)	[7439-89-6]	84.6 ± 3.6	µg/L		
	Lead (Pb)		0.170 ± 0.026	µg/L		
	Magnesium (Mg)	[7439-95-4]	2140 ± 58	µg/L		

Manganese (Mn)	[7439-96-5]	2.12 ± 0.10	µg/L
Molybdenum (Mo)	[7439-98-7]	0.215 ± 0.018	µg/L
Nickel (Ni)	[7440-02-0]	0.618 ± 0.022	µg/L
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Sodium (Na)	[7440-23-5]	2770 ± 220	µg/L
Strontium (Sr)	[7440-24-6]	40.78 ± 0.32	µg/L
Uranium (U)	[7440-61-1]	0.0700 ± 0.0034	µg/L
Vanadium (V)	[7440-62-2]	0.352 ± 0.006	µg/L
Zinc (Zn)	[7440-66-6]	1.76 ± 0.12	µg/L