

## **River Water (lot 1024) - Major ions and nutrients**

Art. ID	NW-ASSIN-02
Unit	500 mL
Deliverydetails	No Dangerous Good /not restricted

### Description

NW-ASSIN-02 was collected from Assiniboine River, Manitoba in 2002. The bulk sample was prefiltered to remove particulates and filtered through a 0.2 µm sterilizing filter to remove bacteria. This bulk Major Ions and Nutrients in water RM is stored in a dark cold room and is unpreserved.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Alkalinity, Total (as C aCO <sub>3</sub> )		253 ± 11	mg/L		
	Boron (B)	[7440-42-8]	0,121 ± 0,024	mg/L		
	Calcium (Ca)	[7440-70-2]	76,0 ± 5,4	mg/L		
	Chloride (Cl)		20,9 ± 1,3	mg/L		
	Colour (Hazen units)		11,0 ± 4,0			
	Conductivity (25°C)		924 ± 26	µS/cm		
	Dissolved Inorganic Car bon (DIC)		58,6 ± 5,5	mg/L		
	Dissolved Organic Carbo n (DOC)		7,72 ± 0,61	mg/L		
	Fluoride (F)		0,162 ± 0,042	mg/L		
	Magnesium (Mg)	[7439-95-4]	46,1 ± 3,9	mg/L		
	Nitrate + Nitrite (as N )		0,923 ± 0,110	mg/L		
	Potassium (K)	[7440-09-7]	11,2 ± 0,7	mg/L		
	Silicates (as SiO <sub>2</sub> )		14,7 ± 1,0	mg/L		
	Sodium (Na)	[7440-23-5]	58,0 ± 4,1	mg/L		
	Sulfate (as SO <sub>4</sub> )	[14808-79-8]	223 ± 14	mg/L		
	Total Kjeldahl Nitrogen (TKN)		0,547 ± 0,168	mg/L		
	Total nitrogen		1,44 ± 0,14	mg/L		
	Hardness, Total (as CaC O <sub>3</sub> )		378 ± 20	mg/L		