

Baradine Water Chemistry Analysis
Samples collected on 03/09/2024

Characteristic	Value	Units	Aesthetic Guideline Value	Health Guideline Value
Aluminium	0.03	mg/L	0.2	
Antimony	< 0.0001	mg/L		0.003
Arsenic	0.001	mg/L		0.01
Barium	0.101	mg/L		2
Boron	0.006	mg/L		4
Cadmium	< 0.0001	mg/L		0.002
Calcium	7.8	mg/L		
Chloride	38	mg/L	250	
Chromium	< 0.001	mg/L		0.05
Copper	0.034	mg/L	1	2
Fluoride	0.13	mg/L		1.5
Iodine	0.02	mg/L		0.5
Iron	0.02	mg/L	0.3	
Lead	< 0.0002	mg/L		0.01
Magnesium	4.68	mg/L		
Manganese	< 0.0003	mg/L	0.1	0.5
Mercury	< 0.0008	mg/L		0.001
Molybdenum	< 0.0001	mg/L		0.05
Nickel	< 0.0004	mg/L		0.02
Nitrate	< 1	mg/L		50
Nitrite	< 0.1	mg/L		3
pH	8		6.5 - 8.7	
Selenium	< 0.007	mg/L		0.01
Silver	< 0.0002	mg/L		0.1
Sodium	64	mg/L	180	
Sulfate	4	mg/L	250	500
Total Dissolved Solids (TDS)	222	mg/L	600	
Total Hardness as CaCO3	38.7	mg/L	200	
True Colour	1	HU	15	
Turbidity	0.5	NTU	5	
Uranium	< 0.0001	mg/L		0.017
Zinc	0.01	mg/L	3	