

**Mendooran Water Chemistry Analysis**  
**Samples Collected 09/09/2024**

Characteristic	Units	Value	ADWG Health Guideline Value	ADWG Aesthetic Guideline Value
Aluminium	mg/L	0.01		0.2
Antimony	mg/L	< 0.0001	0.003	
Arsenic	mg/L	0.004	0.01	
Barium	mg/L	0.0794	2	
Boron	mg/L	0.0189	4	
Cadmium	mg/L	< 0.0001	0.002	
Calcium	mg/L	34.5		10000
Chloride	mg/L	182		250
Chromium	mg/L	0.001	0.05	
Copper	mg/L	0.001	2	1
Fluoride	mg/L	0.22	1.5	
Iodine	mg/L	0.02		0.15
Iron	mg/L	0.01		0.3
Lead	mg/L	< 0.0002	0.01	
Magnesium	mg/L	32.92		10000
Manganese	mg/L	0.0012	0.5	0.1
Mercury	mg/L	< 0.0008	0.001	
Molybdenum	mg/L	0.0008	0.05	
Nickel	mg/L	< 0.0004	0.02	
Nitrate	mg/L	< 1	50	
Nitrite	mg/L	< 0.1	3	
pH		8.2		6.5 - 8.5
Selenium	mg/L	< 0.007	0.01	
Silver	mg/L	< 0.0002	0.1	
Sodium	mg/L	93		180
Sulfate	mg/L	9		250
Total Dissolved Solids (TDS)	mg/L	521		600
Total Hardness as CaCO3	mg/L	221.7		200
True Colour	HU	1		15
Turbidity	NTU	1.7		5
Uranium	mg/L	< 0.0001	0.02	
Zinc	mg/L	0.01		3