

Physical Parameters

Parameters	Result	Permissible Limits (WHO/PSQCA)	Parameters	Result	Permissible Limits/Criteria (WHO/PSQCA)
pH	7.4	6.5 – 8.5	Colour	Colourless	Colourless
Turbidity (NTU)	0.1	5	Odour	Odourless	Odourless
Conductivity ($\mu\text{S/cm}$)	664	1334	Appearance	Clear	Clear

Chemical Parameters

Parameters (mg/L)	Result	Maximum Permissible Limits(ppm) (WHO/PSQCA)	Parameters (mg/L)	Result	Maximum Permissible Limits(ppm) (WHO/PSQCA)
Chlorine	0.0	0.3	Sodium	89.4	200
TD Solids	498	1000	Potassium	2.0	100
Hardness	200	500	Chloride	20	200
Calcium	50	200			
Magnesium	18	150			

Comments: Satisfactory.

Physical parameters

Appearance	Clear		
Colour	Normal	Smell/Odor	Normal

Microbiological Parameters

Analytical Parameters:	Observed Value	Reference Value (WHO/PSQCA)
Total Viable Count	≤ 20	< 20/ml
Most Probable Number of Coliform	Nil	< 2.2/100 ml
Most Probable Number of Thermotolerant Faecal Coliform	Nil	Nil /100 ml
E.coli	Nil	Nil/100 ml

Result: Satisfactory as per tests performed.