



Office of the Senior Chemist
Public Health Engineering Department, Rajasthan
Regional Laboratory, Sikar

क्राड - 380-381
08/07/2024

Report of the Chemical Examination of Water

To
Headmaster,
Prince Sainik School,
Palwas Road Sikar.

Reference No : 28, Dated : 01/07/2024

District : SIKAR

Date of Receipt : 03/07/2024

Sample Taker : Rohitas

Source	Permissible Value as per B.I.S. 10500/2012		Raw Water	Treated Water
Location			Prince Sainik School Palwas Road Sikar	Prince Sainik School Palwas Road Sikar
Other Habitation	Desirable Limit	Permissible limit in absence of alternate Source		
Village/Town			Sikar (M CI)	Sikar (M CI)
Gram Panchayat				
Date of Collection			01/07/2024	01/07/2024
Date of Examination			03/07/2024	03/07/2024
Sample No			183	184

Note:- All results except pH are in mg/L

pH	6.5 to 8.5	No relaxation	7.24	7.15
Turbidity(NTU)	1	5	Clear	Clear
Colour	5	15	-	-
Odour	Agreeable	Agreeable	-	-
Temperature	---	---	-	-
Total Alkalinity	200	600	80	60
Total Hardness (as CaCO ₃)	200	600	30	20
Calcium (as Ca)	75	200	4	4
Magnesium (as Mg)	30	100	4.88	2.44
Chloride(as Cl)	250	1000	40	50
Sulphate(as SO ₄)	200	400	27	15
Nitrate as(NO ₃)	45	45	17	12
Fluoride	1.0	1.5	0.33	0.25
Total Dissolved Solids	500	2000	204	160
Iron	1.0	No Relaxation	---	---
Residual Chlorine	0.2	1.0	---	---

Remark : Water Samples Not Collected By Lab Staff And Not For Legal Case

Remarks : Water is Potable (P)/Unpotable (U)
No Lab/Tech.(chem)/2024-25/183-184

Copy To :
1. Chief Chemist, State Laboratory Gandhi Nagar, Jaipur

Senior Chemist
PHED Laboratory Sikar

Senior Chemist
PHED Laboratory Sikar