



**PUBLIC HEALTH ENGINEERING DEPARTMENT
LABORATORY JHUNJHUNU**

CHEMICAL EXAMINATION REPORT OF WATER

No. Lab. / Chem. /2024-25/ 50

Date - 25-4-2024

To,

The Principal

Sophia Secondary School

Khetri Nagar

Ref- Yours letter no. sks/15/2024 dated 25-04-2024

Distt:- Jhunjhunu

Tehsil:-Khetri

Date of Exam -25-04-2024

A	Name & Location of Source	IS-10500:2012		Water Sample Sophia Secondary School
B	Village/ Town			Khetri Nagar
C	Date Of Collection			25-04-2024
D	Lab. Sample No.			C-009
Sr. No	Parameters	Desirable limits	Permissible limits	Value
1	pH	6.5—8.5	6.5—8.5	7.74
2	Turbidity[NTU]	1	5	Nil
3	Temperature[C]	-----	-----	25
4	Colour[Units]	5 Hazen Unit	15 Hazen Unit	None
5	Odour	Unobjectionable	Unobjectionable	Unobj.
6	Total Alkalinity[asCaCO ₃]	200	600	100
7	Total Hardness[asCaCO ₃]	200	600	120
8	Calcium [asCa]	75	200	24
9	Magnesium [as Mg]	30	100	14.58
10	Chloride[asCl ⁻¹]	250	1000	40
11	Nitrate[as NO ₃ ⁻¹]	45	45	4
12	Fluoride [as F ⁻¹]	1.0	1.5	0.20
13	TDS	500	2000	252

Note: All Results Except pH in mg/L.

(S K Sharma)

Junior Chemist

PHED Laboratory Jhunjhunu

Principal

Sophia Secondary School

Khetri Nagar