



OFFICE OF THE SENIOR CHEMIST  
PUBLIC HEALTH ENGINEERING DEPARTMENT LABORATORY, ALWAR

Lab/Tech/(Private)/2023-24/ 21

Dated: 05/04/24

EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

Issued To,

Silver Oak School  
4, Mile Stone Jaipur Road  
Alwar

District: Alwar  
Block/City: Alwar

Ref ID : 1		Lab Sample No. : 1			
Reference : Your Letter No. : SOS/24-25/001		Source : TW			
Reference Dated : 03.04.24		Source Location : Silver Oak School			
Date of Receipt : 03.04.24		Habitation/Ward No. : Alwar			
Name of Sample Taker : Mr. Dinesh Sharma		Village/Colony/Town : Alwar			
Desig. of Sample Taker : 0		Gram Panchayat/City Area : Alwar			
GA-55 Book No. : 072105		Date of Collection : 03.04.24			
GA-55 Receipt No. : 0093		Date of Examination : 03.04.24			
Amount in Rs. : 297.00		Amount Deposited for : Chem/Bact Testing of Water Sample			
IS-10500:2012					
Test Parameters		Requirement (Acceptable Limit)	Permissible limit in the absence of alternative sources	Test Values of Samples	
1	pH	6.5 to 8.5	No Relaxation	7.2	
2	Turbidity(NTU)	5	15	Clear	
3	Colour (Hazen Unit)	1	5	None	
4	Odour	Unobjectionable	-	None	
5	Total Alkalinity (as CaCO <sub>3</sub> ) mg/L	200	600	150	
6	Total Hardness (as CaCO <sub>3</sub> ) mg/L	300	600	260	
7	Calcium (as Ca++) mg/L	75	200	60	
8	Magnesium (as Mg++) mg/L	30	100	27	
9	Chloride (as Cl) mg/L	600	1000	130	
10	Sulphate (as SO <sub>4</sub> <sup>-2</sup> ) mg/L	200	400	0	
11	Nitrates (as NO <sub>3</sub> ) mg/L	45	No Relaxation	23	
12	Fluoride (as F) mg/L	1.00	1.50	0.69	
13	Total Dissolved Solids (TDS) mg/L	500	2000	496	
14	Residual Chlorine (mg/L)	0.20	1.00	-	
15	Total Coli Form/100 ml.	NIL/100 ml.	NIL/100 ml.	0	
16	E-Coli/ 100 ml.	NIL/100 ml.	NIL/100 ml.	-	

Senior Chemist  
PHED, Lab, Alwar  
Dated:

Lab/Tech/(Private)/2023/24/

Copy to:

- 1 The Chief Chemist, Public Health Engineering Department, Rajasthan, Jaipur.
- 2
- 3

(Signature)  
जन स्वास्थ्य अभियंत्रण विभाग  
Senior Chemist  
Save Water Save Life

Safe Water is Life