



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

Lab/Tech/(Private)/2023-24/ 335

Dated: 27.7.23

EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

Issued To,

Step By Step Public School  
Ambedkar Nagar  
Alwar

District: ALWAR  
Block/City: Alwar

Ref ID :	56	Lab Sample No. :	56	
Reference : Your Letter No. :	0	Source :	TW	
Reference Dated :	25.07.23	Source Location :	Step By Step Public School	
Date of Receipt :	25.07.23	Habitation/Ward No. :	Alwar	
Name of Sample Taker :	Mr. Varun	Village/Colony/Town :	Alwar	
Desig. of Sample Taker :	0	Gram Panchayat/City Area :	Alwar	
GA-55 Book No. :	072105	Date of Collection :	25.07.23	
GA-55 Receipt No. :	0017	Date of Examination :	25.07.23	
Amount in Rs. :	297.00	Amount Deposited for :	Chem/Bact Testing of Water Sample	
Test Parameters		IS-10500:2012		Test Values of Samples
		Requirement (Acceptable Limit)	Permissible limit in the absence of alternative sources	
1	pH	6.5 to 8.5	No Relaxation	7.1
2	Turbidity(NTU)	5	15	NIL
3	Colour (Hazen Unit)	1	5	None
4	Odour	Unobjectionable	-	None
5	Total Alkalinity (as CaCO <sub>3</sub> ) mg/L	200	600	80
6	Total Hardness (as CaCO <sub>3</sub> ) mg/L	300	600	280
7	Calcium (as Ca++) mg/L	75	200	64
8	Magnesium (as Mg++) mg/L	30	100	29
9	Chloride (as Cl <sup>-</sup> ) mg/L	600	1000	90
10	Sulphate (as SO <sub>4</sub> <sup>-2</sup> ) mg/L	200	400	0
11	Nitrates (as NO <sub>3</sub> <sup>-</sup> ) mg/L	45	No Relaxation	22
12	Fluoride (as F <sup>-</sup> ) mg/L	1.00	1.50	0.62
13	Total Dissolved Solids (TDS) mg/L	500	2000	478
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.	-

(1) The Sample was not collected by this Laboratory.

(2) Not valid for water quality Legal Cases.

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

Copy to:

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

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Senior Chemist  
PHED, Lab, Alwar

Dated:

Senior Chemist

Save Water Save Life

Safe Water is Life