



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

Lab/Tech/(Private)/2023-24/ 127

Dated: 6.5.24

EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

Issued To,

KNOWLEDGE CITY The Next Generation School
6Th Mile Stone Jharkhera
Alwar

District: Alwar
Block/City: Alwar

Ref ID : 40		Lab Sample No. : 40	
Reference : Your Letter No. : 0		Source : TW	
Reference Dated : 03.05.24		Source Location : KNOWLEDGE CITY The Next Generation School	
Date of Receipt : 03.05.24		Habitation/Ward No. : Jharkhera	
Name of Sample Taker : Mr. Sanjeev Kumar		Village/Colony/Town : Jharkhera	
Desig. of Sample Taker : 0		Gram Panchayat/City Area : Jharkhera	
GA-55 Book No. : 012159		Date of Collection : 03.05.24	
GA-55 Receipt No. : 0014		Date of Examination : 03.05.24	
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	7.3
2 Turbidity(NTU)	5	15	Clear
3 Colour (Hazen Unit)	1	5	None
4 Odour	Unobjectionable	-	None
5 Total Alkalinity (as CaCO ₃) mg/L	200	600	80
6 Total Hardness (as CaCO ₃) mg/L	300	600	180
7 Calcium (as Ca ⁺⁺) mg/L	75	200	40
8 Magnesium (as Mg ⁺⁺) mg/L	30	100	20
9 Chloride (as Cl ⁻) mg/L	600	1000	70
10 Sulphate (as SO ₄ ⁻²) mg/L	200	400	0
11 Nitrates (as NO ₃) mg/L	45	No Relaxation	24
12 Fluoride (as F) mg/L	1.00	1.50	0.42
13 Total Dissolved Solids (TDS) mg/L	500	2000	412
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.

Senior Chemist
PHED, Lab, Alwar

Dated:

Lab/Tech/(Private)/2023-24/(2) Not valid for water quality Legal Cases.

Copy to:

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

Senior Chemist

Save Water Save Life

Safe Water is Life