



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

Lab/Tech/(Private)/2020-21/ 274

Dated: 20/07/2020

EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

Issued To,

PRINCIPAL  
GYAN SAGAR INTERNATIONAL SCHOOL  
KANHARKA

District: ALWAR  
Block/City: KOTKASIM

Ref_ID : 41		Lab Sample No. : 41			
Reference : Your Letter No. : 4		Source : Treated			
Reference Dated : 16-07-2020		Source Location : RO WATER IN SCHOOL			
Date of Receipt : 16-07-2020		Habitation/Ward No. : KANHARKA			
Name of Sample Taker : MR.DEVANAND		Village/Colony/Town : KANHARKA			
Desig. of Sample Taker : 0		Gram Panchayat/City Area : KANHARKA			
GA-55 Book No. : 075409		Date of Collection : 16-07-2020			
GA-55 Receipt No. : 0051		Date of Examination : 16-07-2020			
Amount in Rs. : 1000.00		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	7.0	
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	40	
6	Total Hardness (as CaCO <sub>3</sub> ) mg/L	300	600	60	
7	Calcium (as Ca++) mg/L	75	200	16	
8	Magnesium (as Mg++) mg/L	30	100	5	
9	Chloride (as Cl) mg/L	600	1000	30	
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	8	
12	Fluoride (as F) mg/L	1.00	1.50	0.20	
13	Total Dissolved Solids (TDS) mg/L	500	2000	123	
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)/2020-21/

Copy to:

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

Junior Chemist  
PHED, Lab, Alwar

Dated:

जन स्वा० अभि० विभाग प्रयोगशाला  
मनुमार्ग, अलवर (राज०)

Junior Chemist

Save Water Save Life

Safe Water is Life