

Analytical Report

Test Report No. DWTLJ-TR-116 /2020-21/S-1

Date of Issue :- 15.2.2021

Name of Customer : Principal Kendriya vidyalaya Jagatsinghpur

Sample Registration Details	
Type of Source :	Ground Water
Date of Sample Collection :	9.2..2021
Sample Receive Date :	9.2.2021
Sample Registration Date :	9.2.2021
Quantity of Sample Received :	1000 ml
Sample collected by	Not specified
Location of the Sample :	Kendriya vidyalaya Jagatsinghpur
Sampling Protocol :	Samples is not collected by this laboratory
Period of Analysis :	Dt. 11.2.2021
Testing Protocol :	As per Bureau of Indian Standard (BIS)


Sl. No	Test Parameters	Unit	Result	Requirements IS 10500:2012		Test Method
				Accepted Limit	Permissible limit in absence of alternative source	
1	Temperature	° C	24.2			Instrumental method
2	pH	pH unit	7.32	6.5-8.5	No relaxation	Electrometric Method, (APHA 22 nd Ed. 4500-H+ B)
3	Chloride	Mg/L	36	1000	1000	Argentometric Method (APHA 22 nd Ed. 4500 – Cl- B)
4	Iron	Mg/L	0.34	1.0	No relaxation	Phenanthroline Method (APHA 22 nd Ed. 3500 - Fe B)
5	Total Hardness (as CaCO ₃)	Mg/L	96	200	600	EDTA Titrimetric Method (APHA 22 nd Ed. 2340 C)
6	Total Alkalinity (as CaCO ₃)	Mg/L	112	200	600	Titration Method (APHA 22 nd Ed. -2320 B)
7	Fluoride (as F ⁻)	Mg/L	0.53	1.0	1.5	SPADNS method (APHA 22 nd Ed. -4500 F ⁻ D)
8	TDS	Mg/L	178	500	2000	Instrumental Method
9	Turbidity	NTU	1.2	1.0	5.0	Nephelometric method (APHA 2 nd ED 2130 B)

Information on Test Report :

Results relates only to samples received in the Laboratory

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*** APHA – American Public Health Association**


 Lab Assistant
 District Lab Jagatsinghpur