



157

District Level Water Testing Laboratory
Office of the Executive Engineer (DW&SD)
Near Adityapur Thana, Jamshedpur-831013
Email: dlwtl.jamshedpur@gmail.com

Report No:	JSR/2022/053	Memo no:	65/19-02-2022
Issue To:	Head Master/Mistress	Sample code:	220219GWAP32
Sample Type:	Drinking water	Sample collected by:	Customer
Sample receive on:	19-02-2022	Sample Description:	Gayatri Shiksha Niketan Adityapur, JSR
Report Date:	19-02-2022		

Test Result

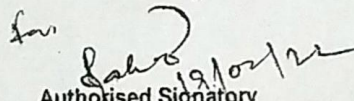
Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per IS - 10500-2012 (Second Revision)	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH, at 25°C	-	7.11	APHA 23 rd Ed.2017-4500-H B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Electrical Conductivity (EC)	-	-	"		
3	Total Dissolved Solids at 180°C	mg/L max	-	APHA 23 rd Ed 2017-2540 C. Total Dissolved Solids Dried at 180°C	500	2000
4	Turbidity	NTU max	01	APHA 23 rd Ed.2017-2130 B, (Nephelometric method)	1	5
5	Alkalinity as CaCO ₃	mg/L max	172	APHA 23 rd Ed.2017-2320 B, (Titration method)	200	600
6	Calcium as (Ca)	mg/L max	99.2	APHA 23 rd Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
7	Magnesium as Mg	mg/L max	48	APHA 23 rd Ed.2017-3500-Mg B, (Calculation method)	30	100
8	Hardness as CaCO ₃	mg/L max	448	APHA 23 rd Ed.2017-2340 C, (EDTA Titration method)	200	600
9	Fluoride as (F)	mg/L max	0.16	APHA 23 rd Ed.2017-4500 F C, (Ion selective electrode method)	1.0	1.50
10	Iron as (Fe)	mg/L max	-	APHA 23 rd Ed.2017-3500 Fe B, (1,10-phenanthroline method)	0.30	No relaxation
11	Chloride(Cl)	Mg/L max	152.86	APHA 23 rd Ed.2017-4500 Cl B, (Argentometric method)	250	1000

Remarks:- This result is according to BIS limit.


Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab in-charge
- ◆ Tested Sample shall be retained up to seven Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ NOTE:- BDL=Below Detection Limit / DL=Detection Limit.

End of the Test Report


Authorised Signatory
(Quality Manager)

Quality Manager
District Level Water Testing Laboratory
D.W. & S. Division, Jamshedpur


Principal
Gayatri Shiksha Niketan
Adityapur