



**District Level Water Testing Laboratory, Giridih**  
**Barganda North of Power House More,**  
**Near Sankat Mochan Mandir, Giridih-815301**  
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TC-16430

Report No:	573	Issue Date :21/04/2026
Issued To: (Name & Address of Customer)	OPEN MIND WORLD SCHOOL, DHARIYADIH,BEHIND GIRIDIH POLICE STATION,GIRIDIH	Order Ref. No.: Sample Condition-Good,1/2 Ltr at 4°C ULR No.:TC164302500000112F Source of water: R.O. Water
Date of Start Analysis :	20/04/2026	Sampling: Not done by laboratory Sample Received Date:20/04/2026
Date of Completion Analysis :	21/04/2026	Environmental Condition of laboratory Temperature: 25. °C Humidity:54%

**Test Report**

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	---	---	APHA 24 <sup>th</sup> Edition 2023-4500-H <sup>+</sup> B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	---	APHA-24 <sup>th</sup> Edition 2023-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	---	APHA 24 <sup>th</sup> Ed.2023-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Alkalinity as CaCO <sub>3</sub>	mg/L	44	APHA-24 <sup>th</sup> Edition 2023-2320-B, ( Titration method)	200	600
5	Total Hardness as CaCO <sub>3</sub>	mg/L	56	APHA-24 <sup>th</sup> Edition 2023-2340-C, (EDTA Titrimetric Method)	200	600
6	Calcium as Ca	mg/L	14.4	APHA-24 <sup>th</sup> Edition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg	mg/L	4.54	APHA-24 <sup>th</sup> Edition 2023-3500-Mg-B, (Calculation Method)	30	100
8	Chloride as Cl	mg/L	38	APHA-24 <sup>th</sup> Edition 2023-4500 Cl- B, (Argentometric method)	250	1000
9	Fluoride as F	mg/L	---	APHA 24 <sup>th</sup> Ed.2023-4500 F <sup>-</sup> C, (Ion selective electrode method)	1.0	1.50
10	Colour	HU	01	APHA-24 <sup>th</sup> Edition 2120 B,(visual comparison method(2023)	5	15
11	Odour	-	Agreeable	IS 3025(part 5)2018	Agreeable	Agreeable
12	Taste	-	Agreeable	IS3025(part-8)2023	Agreeable	Agreeable

Notes: -

- The results listed refer only to the tested sample and applicable parameters.as received from the customer.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced, except when in full, without the written permission of the Lab In-charge
- All disputes are subjected to the Giridih Jurisdiction.
- The laboratory is responsible for all the information given in the report.
- Tested samples will be disposed off after 7 days of issue of test report

**Reviewed**

-End of the Report



Authorized

*P. Prabhakar*  
21/04/2026

**Praveen Chandra Prabhakar**

**(Quality Manager)**

**Quality Manager**

District Level Water Testing Laboratory  
D W & S Deptt., Giridih