

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, JHARSUGUDA

email. -labjharsuguda@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- DWTL- 363 /2026

Dt.27.01.2026

Sample Particulars

Details of Sampling

Name of the
Customer :-

Principal
Ananda Samvrdhhi Vidya Piitha

Type of Source:-

Bore Well

Date of Sampling:-

Not mention

Sample receive
date:-

19.01.2026

Vide letter No.

Sample Package Condition:-

a) Quantity of Sample Received – 1000 ml each

b) Type of Container - Normal Bottle

Sampling
Protocol:-

NA

Sample Collected
by:-

Not Specified

Sample
Location:-

Ananda Samvrdhhi Vidya Piitha
Kumudapali, Jharsuguda

TEST RESULT

Test started on-

20.01.2026

Test completed on-

21.01.2026

Sl.

Test Parameters

Units

Results

Requirements
IS 10500 : 2012

Acceptable
Limit

Permissible
Limit in absence
of alternate
source

Test Method

1

Temperature

°C

25.7°C

APHA, 24th Ed.- 2520-B:
2023 Laboratory Method

2

Odour*

Agreeable

Agreeable

Agreeable

APHA, 24th Ed.2023-2150+B:
2023 Threshold Odor Test
Method

3

Color

Agreeable

Agreeable

Agreeable

APHA, 24th Ed.2023-2120+B:
2023 Visual comparison
Method

4

pH at 25°C

pH
Unit

7.34

6.5 to 8.5

No
relaxation

APHA, 24th Ed.2023-4500+B:
2023 Electrometric Method

5

Turbidity

NTU

1.26

1.0

5.0

APHA 24th Ed.2023-2130 B
(Nephelometric Method):
2023

6

Elect.
Conductivity

µmho/cm

242

APHA 24th Ed.2023- 2510 B::
2023 Electrometric Method

7	Total Dissolved Solids (TDS)	mg/l	174	500	2000	APHA 24th Ed. 2023- 2540 C (Gravimetric Method): 2023
8	Chloride	mg/l	38	250	1000	APHA 24th Ed. 2023- 4500 Cl B (Argentometric Method): 2023
9	Total Hardness (as CaCO ₃)	mg/l	118	200	600	APHA 24th Ed. 2023- 2340 C (Titrimetric Method): 2023
10	Calcium as Ca	mg/l	32.87	75	200	EDT Titration Method (APHA 23'd Ed. - 3500 Ca B)
11	Magnesium as Mg	mg/l	8.748	30	100	Calculation Method (APHA 23'd Ed. - 3500 Mg B)
12	Total Alkalinity (as CaCO ₃)	mg/l	106	200	600	APHA 24th Ed. 2023 2320 B (Titration Method): 2023
13	Fluoride	mg/l	0.32	1.50	1.50	SPADNS Method
14	Total Iron	mg/l	0.157	1.0	No relaxation	APHA 24th Ed. 2023- 3500 Fe B (Phenanthroline Method): 2023
13	Total Coliforms	MPN	0	No relaxation	No relaxation	APHA 24th Ed. 2023 9223B Enzyme Substrate Test

Results relates only to samples received in the Laboratory.
#APHA – American Public Health Association

Tested By

S. Chou
27.01.26
Lab Assistant
DWTL, Jharsuguda

Checked & Reviewed

S. Chou
27.01.26
Lab Chemist
DWTL, Jharsuguda

H. K. S. D. S.
27.01.26
Lab Incharge
DWTL, Jharsuguda

***** END OF THE REPORT *****