



TC 14412

TEST ID: DLL/MLD/ 32

DISTRICT LEVEL LABORATORY (DLL)

MANGALDAI, DARRANG, ASSAM

ADDRESS: O/O, THE EXECUTIVE ENGINEER(PHE), MANGALDAI DIVISION, DARRANG, ASSAM
email id: dlplhemld@gmail.com ; Contact: 9365734383

TEST REPORT

ULR NO.: TC-144122500000 0032F

Issue no.: DLL/MLD/2025-26/ 0023 Dt. 14-05-2025

TEST REPORT NO. : DLL/MLD/ 2025-26/ T- 0032
SAMPLE RECEIVED DATE : 08-05-2025
SAMPLE ID : DLL / MLD / 01/ 08-05-2025 REF NO : -
REPORT ISSUED TO : MANGALDAI MAHARSHREE VIDYALAYA
SAMPLE LOCATION : MANGALDAI MAHARSHREE VIDYALAYA (PIN POINT LOCATION)
ADDRESS : VILLAGE : GERIMARI BLOCK : PUB MAGALDAI
HABITATION : GERIMARI P.O : MANGALDAI
G.P. : MOWAMARI DISTRICT : DARRANG :: ASSAM; PIN: 784125
CUSTOMER NAME : RATAN DAS CONTACT: 600214155
SAMPLE SOURCE : GROUND WATER (STW) SAMPLE TYPE : CLEAR WATER
SAMPLE QUANTITY : 1000 ml SAMPLE COLLECTED ON : 08-05-2025
DATE OF ANALYSIS : 08-05-2025 ANALYSIS COMPLETED ON : 12-05-2025
SAMPLE CONDITION : Good, at 4°C ANALYSIS CONDITION : Temp: 24.5°C; RH: 62.3 %

RESULT

Sl.no.	Parameters	Protocol used	RESULT	IS:10500:2023		Unit
				Desirable Limit	Max. Permissible Limit (In absence of better source)	
1	Colour	IS : 3025 (Part 4):2021	<5	5	15	HU
2	Odour	IS : 3025 (Part 6):2022	Agreeable	Agreeable	NR	-
3	Taste	IS : 3025 (Part 8):2023	Agreeable	Agreeable	NR	-
4	Turbidity	IS : 3025 (Part 10):2023	0	1	5	NTU
5	pH	IS : 3025 (Part 11):2022	6.97	6.5-8.5	NR	pH Unit
6	Total Dissolve Solids (TDS)	IS : 3025 (Part 16):2023	-	500	2000	mg/l
7	Chloride(as Cl)	IS : 3025 (Part 32):2019	84.71	250	1000	mg/l
8	Total Alkalinity (as CaCO ₂)	IS : 3025 (Part 23):2023	122	200	600	mg/l
9	Total Hardness (as CaCO ₂)	IS : 3025 (Part 21):2023	178	200	600	mg/l
10	Calcium (as Ca)	IS : 3025 (Part 40):2024	52.1	75	200	mg/l
11	Magnesium (as Mg)	APHA-3500-Mg,B:2023	11.66	30	100	mg/l
12	Total Iron (as Fe)	APHA-3500-Fe,B:2023	0.445	1	NR	mg/l
13	Arsenic (as As)	IS : 3025 (Part 37):2022	0.003	0.01	NR	mg/l
14	Fluoride (as F)	APHA-4500-F,D:2023	BDL	1	1.5	mg/l
15	Nitrate-Nitrogen (as NO ₃)	IS : 3025 (Part 34) 2019	41.6	45	NR	mg/l
16	Sulphate (as SO ₄)	IS : 3025 (Part 24/1):2022	38.69	200	400	mg/l

Abbreviation: BDL: Below Detectable Limit, NR: No Relaxation, HU: Hazen Unit, NTU: Nephelometric Turbidity Unit

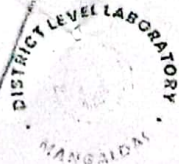
N.B

- The results given are related to the sample as received and tested in the laboratory. Reliability of sample lies with the sender.
- The test report cannot be regenerated/re-produced in whole or in part without written permission.
- The test report cannot be used for any publicity or any legal purpose.
- The test sample meant for chemical analysis will be disposed after 14 days from the date of receipt of water sample unless and until specially requested by the customer for retaining over a longer period.
- The laboratory is responsible for all the information given in the report.

Sample Analysed by
Asst Chemist

Signature of Quality Manager
District Level Laboratory (PHED)
Mangaldai
DLL, Mangaldai

END OF TEST REPORT



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Sl.no.	Parameters	Protocol used	RESULT	IS:10500:2023		Unit
				Desirable Limit	Max. Permissible Limit	
1	E.coli	IS : 1622:2019	0	0	NR	CFU
2	Total Coliform	IS : 1622:2019	0	0	NR	CFU
3	Residual Chlorine		-	0.2	0.5	mg/l

Abbreviation: NR : No Relaxation, CFU:Colony Forming Unit

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Signature:
Quality Manager
District Level Laboratory (PHED)
Mangaldai
DLL, Mangaldai

END OF TEST REPORT