



OMEGA

Consultant Services
Testing Laboratory

A Govt. Regd. Test House

Laboratory Accredited By
NABL, A constituent Board of Quality Council
of India, Govt. of India
Management System : As per An ISO/IEC 17025:2017
and ISO: 9001-2015 Certified Company



TC - 6809

HEAD OFFICE & LABORATORY

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ULR No. TC680921000003042P

Format No. OCS/QR/115

Job ID No.: OCSK/JN/2021/09S-00020		TEST REPORT	
Ref. No. : Letter	Date: 22.09.2021	Date: 29.09.2021	Page: 1 of 1
Issued To : M/S: Zilla Public School Purba Medinipur, West Bengal	Description : 1 bottle of Drinking water sample for the following test.	Product Specification : IS:10500-2012, Amendment No.2, 2018	Test Specification : Tabulated Below
Subject : Testing of Drinking Water.		Seal / Stamp / Mark (if any) : Nil	
		Sample received on : 23.09.2021	Sample tested on : 23.09.2021 to 28.09.2021

This is to certify that the above sample (S) has/have been tested with the following results

TEST RESULTS

I. Water - Drinking Water:

SL NO	CHARACTERISTICS	FINDINGS	REQ. AS PER IS: 10500-2012 (Acceptable Limit)	REQ. AS PER IS: 10500-2012 (Permissible Limit)	METHOD OF TEST
A. Organoleptic and Physical Parameters.					
1.	Colour, Hazen Units, Max	<1.0	5	15	IS 3025 Part 4
2.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 Part 5
3.	pH Value (at 29°C)	7.68	6.5 - 8.5	No relaxation	IS 3025 Part 11
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 Part 7 & 8
5.	Turbidity, NTU, Max	0.5	1	5	IS 3025 Part 10
6.	Total Dissolved Solids, mg/l, Max	*786	500	2000	IS 3025 Part 16
B. General Parameters Concerning Substances Undesirable in Excessive Amounts.					
1.	Aluminium (as Al) mg/l, Max	BDL	0.03	0.2	IS 3025 Part 55
2.	Boron (as B) mg/l, Max	BDL	0.5	2.4	IS 3025 Part 57
3.	Chloride (as Cl) mg/l, Max	113	250	1000	IS 3025 Part 32
4.	Copper (as Cu) mg/l, Max	BDL	0.05	1.5	IS 3025 Part 42
5.	Fluoride (as F) mg/l, Max	BDL	1.0	1.5	IS 3025 Part 60
6.	Free Residual Chlorine, Min	0.24	0.2	----	IS 3025 Part 26
7.	Iron (as Fe) mg/l, Max	0.32	1.0	No relaxation	IS 3025 Part 53
8.	Manganese (as Mn) mg/l, Max	BDL	0.1	0.3	IS 3025 Part 59
9.	Nitrate (as NO ₃) mg/l, Max	26	45	No relaxation	IS 3025 Part 34
10.	Sulphate (as SO ₄) mg/l, Max	36	200	400	IS 3025 Part 24
11.	Total alkalinity as calcium carbonate, mg/l, Max	*360	200	600	IS 3025 Part 23
12.	Zinc (as Zn) mg/l, Max	BDL	5	15	IS 3025 Part 49
13.	Calcium (as Ca) mg/l, Max	71	75	200	APHA-23 rd Edition 2017
14.	Magnesium (as Mg) mg/l, Max	22	30	100	
15.	Total Hardness (as CaCO ₃) mg/l, Max	*270	200	600	
C. Parameters Concerning Toxic Substances.					
1.	Cadmium (as Cd) mg/l, Max	BDL	0.003	No relaxation	IS 3025 Part 41
2.	Cyanide (as CN) mg/l, Max	BDL	0.05	No relaxation	IS 3025 Part 27
3.	Lead (as Pb) mg/l, Max	BDL	0.01	No relaxation	IS 3025 Part 47
4.	Mercury (as Hg) mg/l, Max	BDL	0.001	No relaxation	IS 3025 Part 48
5.	Molybdenum (as Mo) mg/l, Max	BDL	0.07	No relaxation	IS 3025 Part 2
6.	Nickel (as Ni) mg/l, Max	BDL	0.02	No relaxation	IS 3025 Part 54
7.	Total Arsenic (as As) mg/l, Max	BDL	0.01	No relaxation	IS 3025 Part 37
8.	Total Chromium (as Cr ⁶⁺) mg/l, Max	BDL	0.05	No relaxation	IS 3025 Part 52

[Note: Parameters of Sl. No. A/5, B/(1,2,4,5,7,8,9,12), C/(1 to 8), were not under NABL scope.]

*Marked Parameters are crossing acceptable Limit.

BDL= Below Detection Limit

Remarks: The above submitted sample was duly tested to the requirements of IS: 10500-2012.

J. Mukherjee
Prepared by

S. Goswami
Principal

For OMEGA CONSULTANT SERVICES

S. GOSWAMI
LAB. IN-CHARGE (CHEM.)
(AUTHORISED SIGNATORY)

Note :

- * The test report relates to the Sample(s) submitted by Customer.
- * Liability for return of sample(s) ceases after fifteen days unless advised by concerned authority.
- * The reproduction of the report except in full is invalid without written approval of the laboratory management.
- * The test results referred in certificate are based on observations & measurements under the stated environmental conditions.
- * The Test Report cannot be used as an evidence in the court of Law, without written permission of the laboratory.
- * The Test Report without Embossing is INVALID.

Branches Offices & Sample Collection Centres :-

West Bengal : Ganganarayan Appartment, Durgachak, Uttarpally (Near Primary School), Haldia, Purba-Medinipur, W.B., Pin - 721602
Odisha : Plot No.-1122, Word No. 23, Vill.- Ghatikia (Opposite CET College), P.S.-Khandagiri, Odisha, Pin - 751003

Jharkhand : Hill View (Near Rahat Nursing Home), Hill View Road, Bariatu, Ranchi, Pin - 834009
Tripura : C/O. : Dharendra Chandra Das, East Side of Central Jail, P.O.-Dhaleswar, P.S.-East Agartala, Dist.- West Agartala, Pin - 799007

Meghalaya : C/O.: Doyantis Lyngdoh, Ward No.: 23, House No. : 390, Kench's Trace Road, Shillong, Meghalaya, Pin - 793004