



Ref: BVIPL/2023 / 105
Friday, 27th October, 2023

SRI AUROBINDO MEMORIAL SCHOOL
13-A Main, 22nd Cross, Banashankari 2nd Stage,
Bangalore-560070.

Dear Sir/Madam,

Sub: Testing of Drinking Water Analysis.

With reference to above subject matter for the water sample received by us vide your Letter No. 507/2023-24 dated 03.10.2023, for Drinking Water Analysis. The same has been sent to M/s. Bureau Veritas India Private Limited, Guindy Chennai, vide our Lab Reference Number – BL/1036/10/2023 dated 12.10.2023.

The test report of the submitted samples are enclosed with the following details.

Report No. – INCHE23100691025102755 dated 25.10.2023.

Thanking you,

Principal

Sri Aurobindo Memorial School
Bangalore - 560 070

for Bureau Veritas (India) Pvt. Ltd.
Construction Services Laboratory

BHAGWAN. S.
Assistant Manager – Chemical Lab



Test Report No. INCHE23100691025102755

ULR No. : TC805723000020629F

Report Issue Date: 25 Oct 2023

TEST REPORT

Report Issued To: Sri Aurobindo Memorial School
 13-A Main, 22nd Cross, Banashankari 2nd Stage, Bangalore - Karnataka, 560070, India

Discipline :	Chemical & Biological	Sample receipt date :	14 Oct 2023
Group :	Water, Residue in Water	Date of registration :	14 Oct 2023
BV Sample ID :	1356426	Date of commencing of testing :	16 Oct 2023
Customer Reference** :	507/2023-24/Letter Dated: 03.10.2023/Job Order No.: BL/1036/10/2023/Date:12.10.2023/UIN No.: 23043664	Date of completion of testing :	21 Oct 2023
Sample Name** :	DRINKING WATER	Other information** :	To Issue Certificate to the CBSE Board, New Delhi
Physical Description :	Clear Liquid		
Sample condition on receipt :	GOOD		
Sample quantity / Package :	5LTR X 1NO		

Sample Information: Sample Submitted By Customer

No.	Test Parameters	Unit	Test Results	Acceptable Limit as per IS 10500:2012, Amendment No.4	Permissible Limit as per IS 10500:2012, Amendment No.4	Test Method	LOQ
Microbiology (Discipline: Biological)							
1	E coli	per 100 mL	Absent	Shall not be detectable in any 100 ml	-	IS 15185 : 2016	Qualitative
2	Total Coliforms	Per 100 ml	Absent	Shall not be detectable in any 100 ml	-	IS 15185 : 2016	Qualitative
Organoleptic and physical parameters (Foreword and Clause 4)							
3	Colour	Hazen Unit	2.0	5 Max	15 Max	IS 3025 (Part 4):2021	1
4	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part.5):1983 RA 2018	Qualitative
5	pH	-	6.72	6.5 - 8.5	No relaxation	IS 3025 (Part 11):1983 RA 2017	1
6	Turbidity	NTU	BLQ	1 Max	5 Max	IS 3025 (P-10) : 1984 (RA 2017)	1
7	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 Part.8 1984 RA 2017	Qualitative
8	Total Dissolved Solids	mg/L	398	500 Max	2000 Max	IS 3025 (P-16) : 1984 (RA 2017)	1
General Parameters Concerning Substance Undersirable In Excessive Amounts (Foreword and Clause 4)							
9	Calcium as Ca	mg/L	52.5	75 Max	200 Max	IS 3025 (P-40) : 1991 (RA 2019)	1
10	Chloramines as Cl ₂	mg/L	BLQ	4.0	No relaxation	IS 3025 (Part 26):2021	1
11	Chlorides as Cl	mg/L	64.5	250 Max	1000 Max	IS 3025 (Part.32):1988 RA 2019	1
12	Fluoride as F	mg/L	0.4	1 Max	1.5 Max	IS 3025 (Part.60): 2008 RA 2013	0.1
13	Residual free chlorine	mg/L	BLQ	0.2 Min	1.0 Min	IS 3025 (Part 26):2021	0.1
14	Magnesium as Mg	mg/L	16.2	30 Max	100 Max	IS: 3025 Part.46: 1994 RA 2019	1
15	Nitrate as NO ₃	mg/L	14.0	45 Max	No relaxation	IS 3025 (P-34) : 1988 (RA 2019)	1.0
16	Phenolic compounds AS C ₆ H ₅ OH	mg/L	BLQ	0.001 Max	0.002 Max	IS 3025 (Part.43):1992 RA 2019	0.001
17	Sulphate as SO ₄	mg/L	26.7	200 Max	400 Max	IS 3025 (P-24) sec1: 2022	2
18	Alkalinity as CaCO ₃	mg/L	208	200 Max	600 Max	IS 3025 (Part.23):1986 RA 2019	-

[Signature]
Principal

Sri Aurobindo Memorial School
 Bangalore - 560 070



Test Report No. INCHE23100691025102755

ULR No.: TC805723000020629F

Report Issue Date: 25 Oct 2023

19	Sulphide as H ₂ S	mg/L	BLQ	0.05 Max	No relaxation	IS: 3025 Part.29:1986 RA 2009	0.04
20	Total Hardness as CaCO ₃	mg/L	197	200 Max	600 Max	IS: 3025 Part.21: 2009 RA 2019	1
21	Aluminium as Al	mg/L	0.019	0.03 Max	0.2 Max	APHA 23rd Edn.2017 3125 B	0.001
22	Barium as Ba	mg/L	0.124	0.7 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
23	Copper as Cu	mg/L	0.002	0.05 Max	1.5 Max	APHA 23rd Edn.2017 3125 B	0.001
24	Iron as Fe	mg/L	0.011	1.0 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
25	Manganese as Mn	mg/L	0.001	0.1 Max	0.3 Max	APHA 23rd Edn.2017 3125 B	0.001
26	Selenium as Se	mg/L	BLQ	0.01 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
27	Silver as Ag	mg/L	BLQ	0.1 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
28	Zinc as Zn	mg/L	0.004	5 Max	15 Max	APHA 23rd Edn.2017 3125 B	0.001
29	Ammonia as N (as total ammonia-N)	mg/L	BLQ	0.5 Max	No relaxation	IS 3025 (P-34) : 1988 (RA 2019)	0.1
30	Anionic detergent as MBAS	mg/L	BLQ	0.2 Max	1.0 Max	APHA 23rd Edition 2017 5540, C	0.1
31	Boron as B	mg/L	0.020	0.5 Max	2.4 Max	APHA 23rd Edn.2017 3125 B	0.001
Parameter concerning toxic substances (Foreword and Clause 4)							
32	Cyanide as CN	mg/L	BLQ	0.05 Max	No relaxation	IS 3025 (P-27)/Sec 1 : 2021	0.005
33	Lead as Pb	mg/L	BLQ	0.01 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
34	Mercury as Hg	mg/L	BLQ	0.001 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.0005
35	Nickel as Ni	mg/L	0.001	0.02 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
36	Total Arsenic as As	mg/L	BLQ	0.01 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
37	Total Chromium as Cr	mg/L	BLQ	0.05 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
38	Molybdenum as Mo	mg/L	0.002	0.07 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001
39	Cadmium as Cd	mg/L	BLQ	0.003 Max	No relaxation	APHA 23rd Edn.2017 3125 B	0.001

Abbreviations: LOQ: Limit of Quantification, BLQ: Below limit of quantification

** Indicates information supplied by the customer for which the laboratory has no control

Note: SAMPLE TESTED AS RECEIVED

Remarks :

The sample meets the requirement of IS 10500:2012 for Drinking water Permissible limit with respect to the above tested parameters only. Note : The Statement of Conformity was Drawn Based on APHA, IS: 3025 & IS: 15185.

Authorized Signatory

Principal

Sri Aurobindo Memorial School
Bangalore - 560 070

V.Sivakumar
Deputy Manager

Authorized Signatory

T.Kannan
Asst.Manager-Microbiology

Authorized Signatory

V.Gnanasekaran
Asst. Manager

DISCLAIMERS:

(1.) All services are rendered in accordance with Bureau Veritas General Terms and Conditions of Service available at General terms & Conditions - BVIL [https://www.bureauveritas.co.in/sites/g/files/zyfpx556/files/media/document/General Conditions of Service - June 2021-BVIL-revised.pdf](https://www.bureauveritas.co.in/sites/g/files/zyfpx556/files/media/document/General%20Conditions%20of%20Service%20-%20June%202021-BVIL-revised.pdf). (2.) The information marked with (**) customer provided information for which the laboratory has no control. (3.) The test report shall not be reproduced in full and/or in part or be used for any promotional and/or publicity purpose without the prior written approval of the issuing authority. The laboratory is not responsible for the authenticity of photocopied test report. (4.) The test result relate only to the item tested at the time and place of testing. (5.) The samples for testing are by default considered as submitted by customer unless otherwise stated in the sample information. (6.) Issuance of a test report of Analysis is NOT an indication that the item(s) is (are) fit for any specific purpose nor does it release any other party from their respective obligations. The maximum amount Bureau Veritas shall be liable for under any circumstance are the fees paid by the Client for the services provided under its contract with the Client for services delivered herein. (7.) The test item will not be retained for more than 15 days for non-perishable and 7 days for perishable samples from the date of issue of test report except in case as required by applicable regulation. (8.) Bureau Veritas owes no duty to any third party with respect to the results contained herein nor does Bureau Veritas accept any liability whatsoever with respect to the use by any third party of any information set out in this test report. Any third party relying on or using this report is responsible for exercising its own independent judgement with regard to the information contained herein and releases Bureau Veritas from any liability arising therefrom. (9.) The tests marked with (#) are subcontracted. (10.) This report is a computer-generated document with electronic signature, hence does not require manual signature. (11.) The statement of compliance / decision rule is based on 95% confidence level for the reported expanded uncertainty. (12.) The opinion and interpretations expressed in the report is based on the results obtained from the tested item. (13.) Sample on receipt to lab was "found to be fit" for analysis.

--- End of Report ---

