



CITY MUNICIPAL COUNCIL, HEBBAGODI

Dr. B R Ambedkar Road, Hebbagodi, Bangalore 560099

No: MCH/66/2023-24

Dated: 28/03/2024

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

It is certified an inspection team headed by Vassanth Kumar B. R. Senior Health Inspector from City Municipal Council Hebbagodi inspected the Florence Academy # 116/2, Kammasandra, Huskur Main Road, Near Huskur Fruit Market Electronic city post, Bangalore - 560100 on 27/03/2024 checked the water test report submitted by the school and found that the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central / State/ U.T. Government.

The above is valid for a period of 2 years.

B.R. Vassanth
Senior Health Inspector
City Municipal Council
Hebbagodi

To,
Principal
Florence Academy
116/2, Kammasandra, Huskur Main Road,
Near Huskur Fruit Market Electronic city,
Bangalore 560100.

[Signature]
MR. S. SURESH
PRINCIPAL
FLORENCE ACADEMY
116/2, Kammasandra, Huskur Main Road,
Near Huskur Fruit Market Electronic city,
Bangalore 560100.
Phone: 9845321003

Certificate of Analysis
Report No.: BARC/ENV/24/03/0032 **LIMS No.:** BARC/24/03/1051 **Date Of Report:** 26/03/2024

ULR No :TC712524000004579F

Customer Details
Name Of Customer: Florence Academy.
Address: No.116/2, Huskur Main Road ,Electronic city post , Bangalore-560100
Sample Drawn By Laboratory (Yes/No) : Yes **Reference :** Verbal

Sample Details

Sample Particulars	: Packaged Drinking Water	Department/Sub Department	: Environment
Sampling Point / Location	: Not Specified	Sample Qty	: 20LtrX1No
Mfg. Date	: 15/03/2024	Expiry date of sample	: 14/04/2024
Date of sampling	: 19/03/2024	Date of Receipt	: 19/03/2024
Sample Condition	: Satisfactory	Batch No/Sample Marked	: Batch no:0075
Sampling of Type	: Grab	Nature of sample	: Packaged Drinking Water
Sampling SOP	: BARC/WI/MB-014,BARC/TP/C-044		

Analysis Result
Date of Analysis : 20/03/2024 **Date of Completion:** : 26/03/2024

Sr. No.	Parameter	Limit	Unit	Result	Method
CHEMICAL					
1	Colour	2 max	TCU	BLQ(LOQ:5)	IS 3025(Part-04):2021
2	Odour	Agreeable	Not Specified	Agreeable	IS 3025(Part-05):2018
3	Taste	Agreeable	Not Specified	Agreeable	IS 3025(Part-08):1984RA 2017
4	pH value at 25° C	6.0-8.5	Not Specified	6.1	IS 3025(Part-11):2022
5	Turbidity	2 max	NTU	0.2	IS 3025(Part-10):1984 RA 2017
6	Total Dissolved Solids	500 max	mg/L	57	IS 3025(Part-16):1984 RA 2017
7	Calcium as Ca	75 max	mg/L	5	IS 3025(Part-40):1991 RA 2019
8	Magnesium as Mg	30 max	mg/L	2	IS 3025(Part-46):1994 RA 2019
9	Total Alkalinity as HCO3	200 max	mg/L	13	IS 3025(Part-23):1986 RA2019
10	Residual Free chlorine as Cl2	0.2 max	mg/L	BLQ(LOQ:0.1)	IS 3025(Part-26):2021
11	Sulphate as SO4	200 max	mg/L	2	APHA 23rd Edition 4500-E:2017
12	Nitrate as NO3	45 max	mg/L	6	IS 3025(Part-34):1988 RA 2019
13	Fluoride as F	1.0max	mg/L	BLQ(LOQ:0.05)	APHA 23rd Edition 4500-

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					F:2017
14	Sodium as Na	200max	mg/L	15.4	IS 3025(Part-45):1993RA 2019
15	Total Hardness as CaCo3	Not Specified	mg/L	22	IS 3025(Part-21):2009 RA 2019
16	Potassium as K	Not Specified	mg/L	2.6	IS 3025 (Part-45):1993
17	Electrical conductivity at 25°C	Not Specified	µs/cm	118	IS 3025(Part-14):2013 RA 2019
18	Chloride as Cl	200 max	mg/L	12	IS 3025(Part-32):1988RA 2019
19	Nitrite as NO2	0.02 max	mg/L	BLQ(LOQ:0.01)	IS 3025(Part-34):1988 RA 2019
20	Phenolic compounds as C6H5OH	0.001 max	mg/L	BLQ(LOQ:0.001)	IS 3025(Part-43):1992 RA 2003
21	Anionic surface active agents as MBAS	0.2 max	mg/L	BLQ(LOQ:0.1)	IS 13428 Annex-K:2005 RA 2018
22	Mineral oil	1.0 max	mg/L	BLQ(LOQ:0.05)	IS 3025 (Part-39)Cl.6:2021
23	Sulphide as H2S	0.05 max	mg/L	BLQ(LOQ:0.05)	IS 3025 (Part-29):1986 RA 2019
24	Cyanide as CN	Absent	mg/L	Absent	IS 3025 (Part-27):2021
25	Bromate as BrO3	0.01max	mg/L	0.006	ISO 15061

Heavy Metals

26	Iron as Fe	0.1max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
27	Barium as Ba	0.7max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
28	Copper as Cu	0.05max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
29	Manganese as Mn	0.1max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
30	Zinc as Zn	5max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
31	Silver as Ag	0.01 max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
32	Aluminium as Al	0.03max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
33	Selenium as Se	0.01max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
34	Antimony as Sb	0.005max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
35	Borates as B	5max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
36	Cadmium as Cd	0.003	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
37	Arsenic as As	0.01 max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
38	Lead as Pb	0.01 max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
39	Chromium as Cr	0.05max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
40	Nickel as Ni	0.02max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022
41	Mercury as Hg	0.001max	mg/L	BLQ(LOQ:0.00025)	IS 3025(Part-65):2022

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MICROBIOLOGY

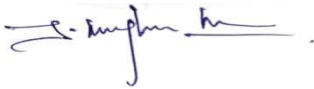
42	Aerobic Microbial Count 37 degree	20	Cfu/ml	<1	IS 5402 : 2012
43	Aerobic Microbial Count 22 degree	100	Cfu/ml	<1	IS 5402 : 2012
44	E.coli	Absent	/250ml	Absent	IS 15185 : 2016
45	Coliform	Absent	/250ml	Absent	IS 15185 : 2016
46	Faecal Streptococci	Absent	/250ml	Absent	IS 15186 : 2002
47	Staphylococcus aureus	Absent	/250ml	Absent	IS 5887(Part-2) : 1976
48	Sulphite reducing anaerobes	Absent	/50ml	Absent	Annexure-C of IS 13428
49	Pseudomonas aeruginosa	Absent	/250ml	Absent	Annexure-D of IS 13428
50	Yeast & Mould	Absent	/250ml	Absent	IS 5403 : 1999
51	Salmonella	Absent	/250ml	Absent	IS 15187 : 2016
52	Vibrio Cholerae	Absent	/250ml	Absent	IS 5887(Part-5) : 1976
53	Vibrio Parahaemolyticus	Absent	/250ml	Absent	IS 5887(Part-5) : 1976
54	Shigella	Absent	/250ml	Absent	IS 5887(Part-7) : 1999

Description : colourless,odourless,transparent liquid.

Remark : Sample complies with limit as per IS14543:2016 (Packaged Drinking Water Specification) for the above tested parameters.

Note: 1) BLQ:Below limit of Quantification.

2) LOQ: Limit of Quantification.



 Raghuraman J
Verified By
 Assistant Manager



 Ravikumar.R
Authorized By
 Technical Manager -
 Microbiology

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Note:

1. The results reported relate only to the sample(s) tested.
2. In case the sample is not drawn the results applies to the sample as received.
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