



BRIHANMUMBAI MAHANAGAR PALIKA

PUBLIC HEALTH DEPARTMENT

MUNICIPAL ANALYST LABORATORY

Room No. 49, 2nd Floor, G/North Ward Office, Harishchandra Yelve Marg.

Dadar (W), Mumbai - 400 028

Tel. No. : (022)24301551. Email: municipalanalyst@gmail.com

Analysis Report

Customer Name & Address

K.M.S. English Medium School (CBSE)
142 / 149 Dr. E. Borges Road Parel Mumbai 400012

Sample Name: Drinking Water

Sample Details:

Other Information:

REPORT NO.	19884/221120247
Date of Receipt	22 November 2024
Quantity	1 Lit.
Discipline	Chemical Testing
Group	Water
Analysis Start on	23 November 2024
Completed on	27 November 2024

(i) Sample Description: Sample was received in plain plastic bottle.

(ii) Physical Appearance: Normal

Sr No.	Quality Characteristics	Nature of Method of test used	Results	Acceptable limits prescribed in IS 10500 : 2012 (Reaffirmed 2018)
1	* Physical Appearance	By Visual Examination	Clear	Clear
2	* Odour	IS:3025 Part 05: 1983 Reaffirmed 2002	Agreeable	Agreeable
3	* Sulphate (as SO ₄) mg/l	APHA	0.15	Max. 200 mg/l
4	* Iron (as Fe) mg/l	ASTM E 1615-05	0.00	Max. 0.3 mg/l
5	* Total Hardness (as CaCO ₃) mg/l	IS:3025 Part 21:1983 Reaffirmed 2019	12.00	Max. 200 mg/l
6	* Turbidity NTU	IS:3025 Part 10:2023	12.00	Max. 1.0 NTU
7	* Fluoride (As F) mg/l	IS:3025 Part 60:2008 Reaffirmed 2019	0.00	Max. 1.0 mg/l
8	* Chloride (as Cl) mg/l	ASTM Methods D4646-87	6.00	Max. 250 mg/l
9	* Nitrate (As NO ₃) mg/lit	IS:3025 Part 34:1988 Reaffirmed 2019	Nil	Max. 45 mg/l
10	* Total Alkalinity as Calcium Carbonate mg/l	IS:3025 Part 23:1986 Reaffirmed 2019	12.48	Max. 200 mg/l
11	* pH	IS:3025 Part 11:1983 Reaffirmed 2006	7.00	6.5-8.5
12	* Total Dissolved Solids mg/lit	By TDS Electrode	18.41	Max. 500 mg/l
13	* Calcium (as Ca) mg/l	ASTM D-511	4.00	Max. 75 mg/l
14	* Ammonia (as Total Ammonia-N) mg/l	IS:3025 Part 34:1988 Reaffirmed 2019	0.00	Max. 0.5 mg/l

OPINION: The sample of Drinking Water conforms to the standards of Drinking water prescribed in BIS Specification no. IS 10500 : 2012 (Reaffirmed 2018), hence chemically fit for drinking purpose for the parameters tested.

Issued Date: 30 November 2024

Reviewed by: Mrs. Nidhi Parab

Copy to:

Approved
07/11/24

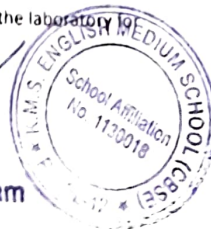
AUTHORISED SIGNATORY
SMT. G. A. GAWALI
ASSISTANT ANALYST

-- End of Report --

Notes

- Sample(s) not drawn by MAL, & the results apply to the sample(s) as received & tested at the laboratory for applicable parameters.
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- * indicates that the parameters are not accredited under NABL Scope.
indicates information supplied by the customer for which the laboratory has no control.

Mrs. Sushama S. Jangam
Principal



K.M.S. ENGLISH MEDIUM SCHOOL (CBSE)
142/149, Dr. E. Borges Road,
Parel, Mumbai - 400 012.



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TC-9129

Analysis Report

# Customer Name & Address K.M.S. English Medium School (CBSE) 142 / 149 Dr. E Borges Road Parel Mumbai 400012	ULR NO.	TC912924100008705F
	REPORT NO.	19885/221120248
# Sample Name: Drinking Water	Date of Receipt	22 November 2024
	Quantity	200 ml
# Sample Details:	Discipline	Biological Testing
	Group	Water
# Other Information:	Analysis Start on	22 November 2024
	Completed on	23 November 2024

- (i) Sample Description: The given water sample received in glass bottle.
 (ii) Physical Appearance: Normal and clear.

Sr.No.	Quality Characteristics	Nature of Method of test used	Results	Acceptable limits prescribed in IS 10500 : 2012 (Reaffirmed 2018)
1	Coliform Bacteria per 100 ml	IS 15185:2016 Reaffirmed 2021	Present	Shall not be detectable in any 100ml sample
2	E. Coli Bacteria per 100 ml	IS 15185:2016 Reaffirmed 2021	Present	Shall not be detectable in any 100ml sample

OPINION: The sample of Drinking Water **does not conform** to the standards of Drinking Water prescribed in BIS Specification no. IS:10500 of 2012 Reaffirmed 2018, hence Bacteriologically Unsafe for drinking purpose for the parameters tested.

Issued Date: 25 November 2024

Reviewed by: Mrs. Vijayata Garud

Copy to:

(Signature)
 02/12/24
 AUTHORISED SIGNATORY

Smt. Vijayata S. Garud
 Assistant Analyst

-- End of Report --

Notes:

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(Signature)
 Mrs. Sushama S. Janpam
 Principal

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