



BRIHANMUMBAI MAHANAGARPALIKA
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	REPORT NO.	20662/1312202455
VL Gems Gala no. 6, 4th Floor, Anuj Industrial Estate, B Wing, CTS no. 1956, S. V. Road, Opp. Virani Tower, Dahisar East, Mumbai -400068	Date of Receipt	13 December 2024
# Sample Name: Drinking Water	Quantity	1 Lit.
# Sample Details:	Discipline	Chemical Testing
# Other Information:	Group	Water
	Analysis Start on	17 December 2024
	Completed on	17 December 2024

(i) Sample Description: Sample was received in plastic bottle
 (ii) Physical Appearance: Normal

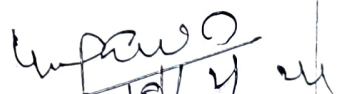
Sl.No.	Quality Characteristics	Nature of Method of test used	Results	Acceptable limits prescribed in IS 10500 : 2012 (Reaffirmed 2018)
1	*Physical Appearance	By Visual Examination	Clear	Clear
2	*Odour	IS:3025 Part 05: 1983 Reaffirmed 2002	Agreeable	Agreeable
3	*Sulphate (as SO ₄) mg/l	APHA	3.00	Max. 200 mg/l
4	*Iron (as Fe) mg/l	ASTM E 1615-05	0.20	Max. 0.3 mg/l
5	*Total Hardness (as CaCO ₃) mg/l	IS:3025 Part 21:1983 Reaffirmed 2019	36.00	Max. 200 mg/l
6	*Turbidity NTU	IS:3025 Part 10:2023	0.20	Max. 1.0 NTU
7	*Fluoride (As F) mg/l	IS:3025 Part 60:2008 Reaffirmed 2019	0.60	Max. 1.0 mg/l
8	*Chloride (as Cl) mg/l	ASTM Methods D4646-87	12.00	Max. 250 mg/l
9	*Nitrate (As NO ₃) mg/lit	IS:3025 Part 34:1988 Reaffirmed 2019	0.60	Max. 45 mg/l
10	*Total Alkalinity as Calcium Carbonate mg/l	IS:3025 Part 23:1986 Reaffirmed 2019	33.28	Max. 200 mg/l
11	*pH	IS:3025 Part 11:1983 Reaffirmed 2006	7.60	6.5-8.5
12	*Total Dissolved Solids mg/lit	By TDS Electrode	49.10	Max. 500 mg/l
13	*Calcium (as Ca) mg/l	ASTM D-511	3.10	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: 18 December 2024

Reviewed by: Mrs. Nidhi Parab

Copy to:


 AUTHORIZED SIGNATORY
 Shri. VIRATKAR P. RATHOD
 Assistant Analyst

-- End of Report --

Notes:

1. Sample(s) not drawn by MAL, & the results apply to the sample(s) as received & tested at the laboratory for applicable parameters.
 2. Total liability of MAL, is limited to received sample quantity.
 3. Analysis Report will not be reproduced partly or fully, without written approval from MAL.
 4. It is distinctly understood that this report will not be used for advertisement purpose.
- * indicates that the parameters are not accredited under NABL Scope.
 # Indicates information supplied by the customer for which the laboratory has no control.





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TC-9129

Analysis Report

Customer Name & Address	ULR NO.	TC912924100008792F
Gems	REPORT NO.	20663/1312202456
Plot no. 6, 4th Floor, Anuj Industrial Estate, B Wing, CTS no. 1956, S. V. Road, Opp. Virani Tower, Dahisar (East), Mumbai 400068	Date of Receipt	13 December 2024
Sample Name: Drinking Water	Quantity	100 ml
Sample Details:	Discipline	Biological Testing
Other Information:	Group	Water
	Analysis Start on	13 December 2024
	Completed on	14 December 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	Absent	Shall not be detectable in any 100ml sample
2	E. Coli Bacteria per 100 ml	IS 15185:2016 Reaffirmed 2021	Absent	Shall not be detectable in any 100ml sample

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

Issued Date: 16 December 2024

Reviewed by: Mrs.Vijayata Garud

Copy to:

Garud
18/12/24
AUTHORISED SIGNATORY

Smt. Vijayata S. Garud
Assistant Analyst

-- End of Report --

Notes:

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