



**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.	12837/080420241
Principal K.V. Koliwada CGS Colony, Sect 1, Antop Hill, Mumbai 400037	Date of Receipt	08 April 2024
	Quantity	1 Lit.
# Sample Name: Drinking Water	Discipline	Chemical Testing
# Sample Details:	Group	Water
# Other Information:	Analysis Start on	08 April 2024
	Completed on	08 April 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 <sub>4</sub> ) mg/l	APHA	0.30	Max. 200 mg/l
4	*Iron (as Fe) mg/l	ASTM E 1615-05	0.00	Max. 0.3 mg/l
5	*Free Residual Chlorine mg/lit	APHA	0.20	Min. 0.2 mg/l
6	*Total Hardness (as CaCO <sub>3</sub> ) mg/l	IS:3025 Part 21:1983 Reaffirmed 2019	36.00	Max. 200 mg/l
7	*Turbidity NTU	IS:3025 Part 10:2023	0.92	Max. 1.0 NTU
8	*Fluoride (As F) mg/l	IS:3025 Part 60:2008 Reaffirmed 2019	0.10	Max. 1.0 mg/l
9	*Chloride (as Cl) mg/l	ASTM Methods D4646-87	8.00	Max. 250 mg/l
10	*Nitrate (As NO <sub>3</sub> ) mg/lit	IS:3025 Part 34:1988 Reaffirmed 2019	0.40	Max. 45 mg/l
11	*Total Alkalinity as Calcium Carbonate mg/l	IS:3025 Part 23:1986 Reaffirmed 2019	30.10	Max. 200 mg/l
12	*pH	IS:3025 Part 11:1983 Reaffirmed 2006	7.53	6.5-8.5
13	*Total Dissolved Solids mg/lit	By TDS Electrode	45.20	Max. 500 mg/l
14	*Calcium (as Ca) mg/l	ASTM D-511	9.70	Max. 75 mg/l
15	*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 April 2024

Reviewed by: Mrs. Nidhi Parab

Copy to:

*P. S. Nirmale*  
18/04/24  
AUTHORISED SIGNATORY

Asst. Chemist  
**SMT. P. S. NIRMALE**

-- 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.

