



**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**

TC-9129

# Customer Name & Address	ULR NO.	TC912923100007073F
Ramniranjan Jhunjhunwala Degree College Opp. Ghatkopar Railway Station, Ghatkopar West Mumbai 86	REPORT NO.	7349/2609202331
# Sample Name: Drinking Water	Date of Receipt	26 September 2023
# Sample Details:	Quantity	100 ml
# Other Information:	Discipline	Biological Testing
	Group	Water
	Analysis Start on	26 September 2023
	Completed on	27 September 2023

- (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 prescribed in IS:10500 of 2012(Reaffirmed 2018) hence bacteriologically safe for drinking purpose for the parameters tested.

Issued Date: 30 September 2023

Reviewed by: Mrs. Vijayata Garud

Copy to:

  
03/10/23  
AUTHORISED SIGNATORY

**Smt. Vijayata S. Garud**  
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.
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- # indicates information supplied by the customer for which the laboratory has no control.



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TRUE COPY**

  
**Principal**  
Ramniranjan Jhunjhunwala College,  
Ghatkopar (W), Mumbai-400086.

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**Analysis Report**

## # Customer Name &amp; Address

Ramniranjan Jhunjhunwala Degree College  
Opp. Ghatkopar Railway Station, Ghatkopar West Mumbai 86

REPORT NO.	7348/2609202330
Date of Receipt	26 September 2023
Quantity	1 Lit.
Discipline	Chemical Testing
Group	Water
Analysis Start on	27 September 2023
Completed on	03 October 2023

## # Sample Name: Drinking Water

## # Sample Details:

## # Other Information:

- (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	0.00	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 <sub>3</sub> ) mg/l	IS:3025 Part 21:1983 Reaffirmed 2019	60.00	Max. 200 mg/l
6	*Turbidity NTU	IS:3025 Part 10:2023	0.98	Max. 1.0 NTU
7	*Fluoride (As F) mg/l	IS:3025 Part 60:2008 Reaffirmed 2019	0.50	Max. 1.0 mg/l
8	*Chloride (as Cl) mg/l	ASTM Methods D4646-87	15.90	Max. 250 mg/l
9	*Nitrate (As NO <sub>3</sub> ) 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	44.16	Max. 200 mg/l
11	*pH	IS:3025 Part 11:1983 Reaffirmed 2006	7.45	6.5-8.5
12	*Total Dissolved Solids mg/lit	By TDS Electrode	76.20	Max. 500 mg/l
13	*Calcium (as Ca) mg/l	ASTM D-511	50.70	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 prescribed in IS:10500 of 2012 (Reaffirmed 2018) , hence chemically fit for drinking purpose for the parameters tested.

Issued Date: 04 October 2023

Reviewed by: Mrs. Nidhi Parab

Copy to:

  
AUTHORISED SIGNATORY**Shri. Samadhan S. Sanap**  
Assistant Analyst

-- End of Report --

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