

ITS TESTING LABORATORY (P) LTD.

Laboratory: A-114, Sector-80, Phase-II, Noida, Gautam Budh Nagar - 201305. (U.P.)
 An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Laboratory
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TC-11181

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TEST REPORT

Water Sample Analysis

Report Code: W-050723-02

Issue Date-10/07/2023

Issue to: M/S. MANAV RACHNA INTERNATIONAL SCHOOL (C/O MR EDUCATION TRUST)
 GOLDEN ENCLAVE, BASANT AVENUE, DUGRI ROAD, LUDHIANA PUNJAB-141013

SAMPLING AND PARTICULATE DETAIL

Sample Description	Drinking Water
Date of Sample Drawn	04/07/2023
Sample Received By	ITS Testing Laboratory Representative
Sample Quantity & Packing	1.0 liter in Pet Bottle & 500 ML Glass sterilized bottle
Date of Sample Received	05/07/2023
Analysis Duration	05/07/2023 to 10/07/2023

ANALYSIS TEST RESULTS (Water test as per IS: 10500-2012)

S.No.	Parameter	Test Method	Results	Units	Acceptable Limit	Permissible Limit
1.	pH	IS:3025(Part-11)	6.08		6.5 - 8.5	-
2.	Colour	IS:3025(Part-4)	<5.0	Hazen	5	25
3.	Taste	IS:3025(Part-8)	Agreeable	-	-	-
4.	Turbidity	IS:3025(Part-10)	<1.0	NTU	1	10
5.	Total Hardness (as CaCO ₃)	IS:3025(Part-21)	26.0	mg/l	200	600
6.	Chloride(as Cl)	IS:3025(Part-32)	13.06	mg/l	250	1000
7.	Residual Free Chlorine	IS:3025(Part-26)	<0.1	mg/l	0.2 Max	-
8.	Iron (as Fe)	IS:3025(Part-52)	<0.05	mg/l	1.0	-
9.	Fluoride(as F)	APHA-4500 F	<0.1	mg/l	1	1.5
10.	Total Dissolved Solid	IS:3025(Part-16)	414	mg/l	500	2000
11.	Alkalinity (as CaCO ₃)	IS: 3025 (P- 23)	29.0	mg/l	200	600
12.	Calcium (as Ca)	IS: 3025 (P- 40)	5.2	mg/l	1.0	1.5
13.	Sulphate (as SO ₄)	IS: 3025 (P- 24)	<1.0	mg/l	200	400
14.	Magnesium (as Mg)	IS: 3025 (P-46)	3.51	mg/l	30	100

Checked by

Authorized Signatory

For Manav Rachna International School
 Ludhiana

Manager

For MRIS-LDH (P)

Principal

Terms & Conditions :

1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.



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SENSARY REQUIREMENT

RESULTS

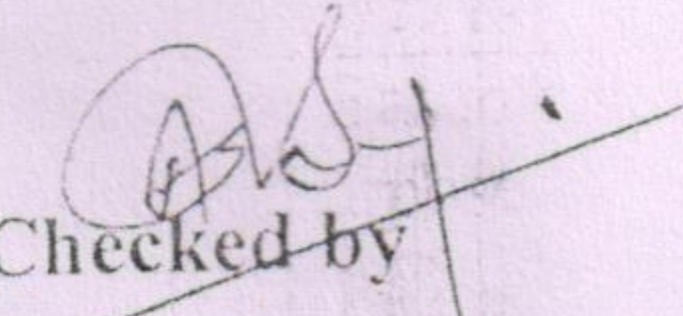
S. No.	Parameter	Test Method	Results	Required as per IS-10500:2012
1.	Odour	IS:3025(Part-5)	Agreeable	Should be agreeable

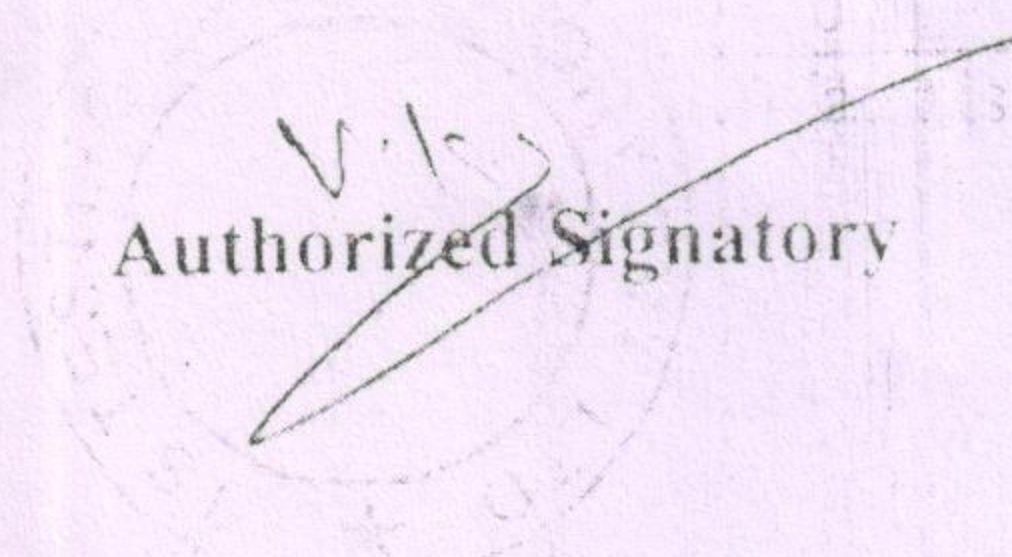
MICROBIOLOGICAL REQUIREMENT


RESULTS

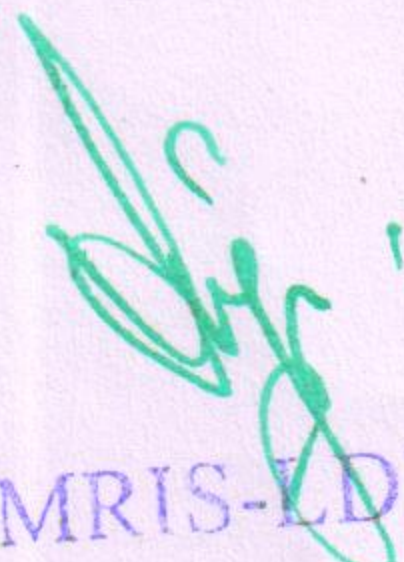
S. No.	Parameter	Test Method	Results	Required as per IS-10500:2012
1.	Escherichia coli	IS-1622:1981	Absent	Absent/100ml
2.	Coliform Bacteria	IS-1622:1981	Absent	Absent/100ml

Remarks: Based on above tested parameter, Water sample meet as per IS-10500:2012 in acceptable limit. Water is fit for Drinking Purpose


Checked by


Authorized Signatory

For Manav Rachna International School
Ludhiana

Manager


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Principal

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