



**TEST REPORT**

ULR : TC1122025200003572F

Party Code : O/DLH/20789  
\*Issued to : Orchids The International School  
  
Goyla, Najafgarh, New Delhi-110071. Run by  
Shanti Gyan Educational Society (Regd.) -

REPORT NO. : SE0308000125/N  
\*Customer Ref.No. : NG  
  
\*Reference Date : NS  
Date of Sampling : 07/03/2025  
Date of Received : 08/03/2025  
Date of Issue : 15/03/2025  
Start Date of Analysis : 08/03/2025  
Date of Completion : 15/03/2025  
Environmental Condition : 25±2°C, RH50±15%  
Sample Condition : OK  
\*Sample Qty. : 1 Ltr.  
SOP/Sampling Plan : SIMA/ENV/SOP/024  
Test Method Deviation : NA  
Sample Collection : Sample Collected By Us

\*Sample Name : Drinking Water

**RESULTS OF ANALYSIS**

Reference : IS 10500-2012 (Amendment No. 1)

Sample Description : Clear colourless liquid

S.No.	Parameters	Units	Results	Acceptable Limits (as per IS:10500-2012)	Permissible Limits (as per IS:10500-2012)	Protocols	Detection Limit
<b>Organoleptic &amp; Physical Parameters</b>							
1.	Colour	Hazen	<2	Max. 5	Max. 15	IS:3025 (P-4)	NA
2.	Odour	NA	Agreeable	Agreeable	Agreeable	IS:3025 (P-5)	NA
3.	Taste	NA	Agreeable	Agreeable	Agreeable	IS:3025 (P-7)	NA
4.	Turbidity	NTU	<1.0	Max. 1.0	Max. 5.0	IS:3025 (P-10)	NA
5.	pH	NA	7.54	6.5 to 8.5	No Relaxation	IS:3025 (P-11)	NA
6.	Total Dissolved Solids	mg/L	104	Max. 500	Max. 2000	IS:3025 (P-16)	NA
<b>General Parameter</b>							
7.	Total Hardness (as CaCO <sub>3</sub> )	mg/L	62.6	Max. 200	Max. 600	IS:3025 (P-21)	NA
8.	Calcium (as Ca)	mg/L	15.4	Max. 75	Max. 200	IS:3025 (P-40)	NA
9.	Magnesium (as Mg)	mg/L	5.9	Max. 30	Max. 100	IS:3025 (P-46)	NA
10.	Chloride (as Cl)	mg/L	53.4	Max. 250	Max. 1000	IS:3025 (P-32)	NA
11.	Sulphate (as SO <sub>4</sub> )	mg/L	7.2	Max. 200	Max. 400	IS:3025 (P-24)	NA
12.	Iron (as Fe)	mg/L	BDL	Max. 1.0	No relaxation	IS:3025 (P-53)	0.05

Authorized Signatory

Pinky Rai  
Reviewed By

Ranojoy Mazumdar  
Asst. Magager-Micro

Diwakar Jha  
D.G.M Technical Environment

Remarks: 1. This Test Report is not valid without a hologram.

- The Results listed refer only to the above tested sample & applicable parameters. Endorsement of products is neither inferred nor implied.
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- Duplicable copy will be issued on chargeable basis.
- SIMA Stands for : Sophisticated Industrial Materials Analytic





# SIMA LABS

Sophisticated Industrial Materials  
Analytic Labs Pvt. Ltd.

(GOVT. APPROVED TESTING LABORATORIES)

Address : A-377, Mayapuri Industrial Area,  
Ph-II, New Delhi - 110064

Phone : (011) 43854300

Email : reports@simalab.com

CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com



TC 11220



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REPORT NO. : SE0308000125/N

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13.	Free residual chlorine (as Cl <sub>2</sub> )	mg/L	BDL	Min. 0.2	Min. 1.0	IS:3025 (P-26)	0.1
<b>Microbiological Quality of Water</b>							
14.	E.Coli	per 100 ml	Absent	Shall not be detectable in any 100 ml sample	NA	IS:15185:2016	NA
15.	Total Coliform	per 100 ml	Absent	Shall not be detectable in any 100 ml sample	NA	IS:15185:2016	NA

The above tested parameters meets the requirement of IS:10500-2012

Specification (Acceptable Limit)

NA- Not Applicable, BDL- Below Detection Limit

Note :- Customer asked for the above tests only.

--- End of Test Report ---

Principal  
Orchids-The International School  
Dwarka Sector-19, New Delhi-71

Pinky Rai  
Reviewed By

Ranojoy Mazumdar  
Asst. Magager-Micro

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Diwakar Jha  
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Indicates details provided by the customer