



SHREE RAM TESTING LABORATORIES

ISO 14001 : 2015 & ISO 9001 : 2015 Approved Laboratory

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Complete Analytical Solution
ISO 14001 : 2015 & ISO 9001 : 2015 Certified

TEST REPORT

Issued to : M/S Grads International School
HS – 42, Eta -2, 130 Meter Road,
Greater Noida (U.P)

Report No. **W-120823-01**
Report date: 16/08/2023
Sample Received: 12/08/2023
Analysis date: 12/08/2023 to 16/08/2023
Sampled By: Customer

Sample Description: Drinking Water (RO)
Received Sample in Sealed and marked Plastic Bottle

RESULT

Drinking Water–Essential Tests as per IS 10500:2012

| S.No. | Parameters (Units) | Test Method | Results | Requirement as per IS: 10500-2012 |
|-------|--|--------------------------------|-----------------|-----------------------------------|
| 1. | Odour | IS:3025(P-5) 2018 | Unobjectionable | Unobjectionable |
| 2. | Taste | IS:3025(P-8) 1984 (RA- 2017) | Agreeable | Agreeable |
| 3. | Colour (Hazen) | IS:3025(P-4) 2021 | <1.0 | 5 max |
| 4. | Turbidity (NTU) | IS:3025(P-10) 1984 (RA- 2017) | Nil | 1 max |
| 5. | pH value (at 25 °C) | IS:3025(P-11) 1983 (RA- 2017) | 7.10 | 6.5 to 8.5 |
| 6. | Total Dissolved solids (mg/l) | IS:3025(P-16) 1984 (RA- 2017) | 110 | 500 max |
| 7. | Total Hardness (as CaCO ₃) (mg/l) | IS 3025 P-21:2009 (RA- 2019) | 50 | 200 max |
| 8. | Chloride (as Cl) (mg/l) | IS:3025(P-32) 1988 (RA- 2019) | 22 | 250 max |
| 9. | Iron (as Fe) (mg/l) | IS:3025(P-53) 2003 (RA- 2019) | 0.010 | 0.3 max |
| 10. | Residual Free Chlorine(mg/l) | IS:3025(P-26) 2021 | Nil | 0.20 max |
| 11. | Fluoride (as F) (mg/l) | APHA 4500 (D) | 0.011 | 1.0 max |
| 12. | Total Alkalinity (as CaCO ₃), (mg/l) | IS:3025(P-23)- 1986 (RA- 2019) | 20 | 200 max |
| 13. | Magnesium (as Mg), (mg/l) | IS:3025(P-46)- 1994 (RA- 2019) | 5.40 | 30 max |
| 14. | Aluminium (as Al), (mg/l) | IS:3025(P-55)- 2003 (RA- 2019) | Not Detected | 0.03 max |
| 15. | Zinc (as Zn), (mg/l) | IS:3025(P-49)- 1994 (RA- 2019) | 0.08 | 5 max |
| 16. | Lead (as Pb), (mg/l) | IS:3025(P-47)- 1994 (RA- 2019) | Not Detected | 0.01 max |
| 17. | Mercury (as Hg), (mg/l) | IS:3025(P-48)- 1994 (RA- 2019) | Not Detected | 0.001 max |
| 18. | Total Arsenic (as As), (mg/l) | IS:3025(P-37)- 1988 (RA- 2019) | Not Detected | 0.01 max |
| 19. | MICROBIOLOGICAL PARAMETERS | | | |
| i | Coliform (cfu/100ml) | IS 1622:1981 (RA- 2019) | Absent | 0 max |
| ii | E. Coli (cfu/100ml) | IS 1622:1981 (RA-2019) | Absent | 0 max |

Remark: The Tested Parameters meet as per BIS specification.

END OF REPORT

TESTED BY

AUTHORIZED SIGNATORY



Note:- (1) The above results are related only to the test performed on the sample, Endorsement to product is neither inferred. (2) This report is not to be reproduced wholly or in part & can not be used as an evidence in the court of law & should not be used in a any advertising media without special permission in writing (3) Sample will be destroyed after 30 days from the date of reporting unless otherwise specified.

(4) Total liability of our lab is limited to the invoice amount (5) report refers to the sample drawn by shree ram testing Laboratories unless mentioned otherwise