

### TEST REPORT

Doc. No : GTL/D/7.5/02

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ULR-TC596126700018631F

|                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                        |
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| <b>Report Issued To :</b> <b>NAMTECH (New Age Education and Skills Foundation)</b><br>Survey No. 406, C/o New Age Makers<br>Institute of Technology (NAMTECH)<br>Near Cosmos International School,<br>Bopal, Godhavi, Ahmedabad, Gujarat<br><b>Phone No :</b> 9429622333<br><b>Email :</b> Hiral.Shah@namtech.ac | <b>Test Report No :</b> GTL/03260907045<br><b>Date of Receipt :</b> 03/09/2026<br><b>Date of Issue :</b> 07/09/2026<br><b>Customer's Ref. No :</b> N.M |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                               |                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Described as :</b> Drinking Water.<br><b>Sample Qty :</b> 10 Ltr<br><b>Packing Mode :</b> Sample Packed in Plastic Container<br><b>Sample Condition :</b> Satisfactory<br><b>Marking :</b> R.O Water                | <b>Sampling Plan :</b> as per GTL/GP/SOP/055-02<br><b>Sampling Date :</b> 03.09.2026<br><b>Environ. Condition :</b> Ambient |
| <b>Sample Drawn By :</b> Mr. Sahil Patani (Representative of Gujarat Testlab Private Limited)<br><b>Sampling Location :</b> NAMTECH (New Age Education and Skills Foundation)<br><b>Date of Starting of Test :</b> 03/09/2026 | <b>Date of Completion :</b> 07/09/2026                                                                                      |

| Sr No                 | Test Parameters                              | IS:10500 Requirement (Acceptable Limit) | IS:10500 Permissible Limit in the Absence of Alternate Source | Result    | Q. L.  | Test Method         |
|-----------------------|----------------------------------------------|-----------------------------------------|---------------------------------------------------------------|-----------|--------|---------------------|
| <b>Chemical Water</b> |                                              |                                         |                                                               |           |        |                     |
| 1                     | Colour, Hazen Unit                           | Max 5.0                                 | Max. 15.0                                                     | <1        | 1      | IS:3025(P-4)        |
| 2                     | Odour                                        | Agreeable                               | Agreeable                                                     | Agreeable | --     | IS:3025(P-5)        |
| 3                     | pH at 25 Deg C                               | 6.5 to 8.5                              | No Relaxation                                                 | 6.92      | 1      | IS:3025(P-11)       |
| 4                     | Taste                                        | Agreeable                               | Agreeable                                                     | Agreeable | --     | IS:3025(P-7 & 8)    |
| 5                     | Turbidity, NTU                               | Max. 1.0                                | Max. 5.0                                                      | <0.5      | 0.5    | IS:3025(P-10)       |
| 6                     | Total Dissolved Solids, mg/l                 | Max.500                                 | Max.2000                                                      | 118       | 5      | IS:3025(P-16)       |
| 7                     | Aluminium (as Al) mg/l                       | Max.0.03                                | Max. 0.2                                                      | B.L.Q.    | 0.01   | IS:3025(P-55)       |
| 8                     | Anionic Surface active agents (as MBAS) mg/l | Max. 0.2                                | Max. 1.0                                                      | B.L.Q.    | 0.1    | IS:3025(P-68)       |
| 9                     | Boron (as B) mg/l                            | Max.0.5                                 | Max 1.0                                                       | B.L.Q.    | 0.05   | IS:3025(P-57)       |
| 10                    | Calcium (as Ca), mg/l                        | Max.75                                  | Max.200                                                       | 13.6      | 0.1    | IS:3025(P-40)       |
| 11                    | Chloride (as Cl), mg/l                       | Max.250                                 | Max. 1000                                                     | 31.05     | 0.5    | IS:3025(P-32)       |
| 12                    | Fluoride (as F) mg/l                         | Max. 1.0                                | Max. 1.5                                                      | B.L.Q.    | 0.01   | IS:3025(P-75)       |
| 13                    | Magnesium (as Mg), mg/l                      | Max. 30                                 | Max. 100                                                      | 6.44      | 0.1    | IS:3025(P-46)       |
| 14                    | Manganese (as Mn), mg/l                      | Max. 0.1                                | Max. 0.3                                                      | B.L.Q.    | 0.005  | IS:3025(P-65)       |
| 15                    | Mineral Oil mg/l                             | Max. 0.5                                | No Relaxation                                                 | B.L.Q.    | 0.4    | IS:3025(P-39)       |
| 16                    | Nitrate (as NO3) mg/l                        | Max. 45.0                               | No Relaxation                                                 | B.L.Q.    | 1      | IS:3025(P-34)       |
| 17                    | Phenolic Compounds (as C6H5OH) mg/l          | Max. 0.001                              | Max. 0.002                                                    | B.L.Q.    | 0.0001 | IS:3025(P-43) Sec 1 |
| 18                    | Sulphate (as SO4), mg/l                      | Max. 200                                | Max. 400                                                      | B.L.Q.    | 1.0    | IS:3025(P-24 Sec-1) |
| 19                    | Total Alkalinity as Calcium Carbonate, mg/l  | Max. 200                                | Max. 600                                                      | 42.6      | 0.5    | IS:3025(P-23)       |
| 20                    | Total Hardness (as CaCO3), mg/l              | Max. 200                                | Max. 600                                                      | 41.50     | 0.5    | IS:3025(P-21)       |

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| Sr No                                     | Test Parameters                             | IS:10500 Requirement (Acceptable Limit) | IS:10500 Permissible Limit in the Absense of Alternate Source | Result | Q. L.   | Test Method            |
|-------------------------------------------|---------------------------------------------|-----------------------------------------|---------------------------------------------------------------|--------|---------|------------------------|
| 21                                        | Cyanide (as CN) mg/l                        | Max. 0.05                               | No Relaxation                                                 | B.L.Q. | 0.005   | IS 3025 (P-27) : Sec-1 |
| 22                                        | Residual Free Chlorine mg/l                 | Min. 0.2                                | Max. 1.0                                                      | B.L.Q. | 0.05    | IS:3025(P-26)          |
| 23                                        | Ammonia (as Total Ammonia-N) mg/l           | Max. 0.5                                | No Relaxation                                                 | B.L.Q. | 0.4     | IS:3025(P-34)          |
| 24                                        | Barium (as Ba) mg/l                         | Max. 0.7                                | No Relaxation                                                 | B.L.Q. | 0.5     | Anx-G of IS: 13428     |
| 25                                        | Chloramines (as Cl <sub>2</sub> ) mg/l      | Max. 4.0                                | No Relaxation                                                 | B.L.Q. | 0.05    | IS:3025(P-26)          |
| 26                                        | Sulphide (as H <sub>2</sub> S) mg/l         | Max 0.05                                | No Relaxation                                                 | B.L.Q. | 0.05    | IS:3025(P-29)          |
| <b>Residues and Contaminants in Water</b> |                                             |                                         |                                                               |        |         |                        |
| 27                                        | Copper (as Cu), mg/l                        | Max.0.05                                | Max.1.5                                                       | B.L.Q. | 0.005   | IS:3025(P-65)          |
| 28                                        | Iron (as Fe) mg/l                           | Max. 0.3                                | No Relaxation                                                 | B.L.Q. | 0.005   | IS:3025(P-65)          |
| 29                                        | Selenium (as Se) mg/l                       | Max. 0.01                               | No Relaxation                                                 | B.L.Q. | 0.005   | IS:3025(P-65)          |
| 30                                        | Zinc (as Zn) mg/l                           | Max. 5.0                                | Max. 15.0                                                     | B.L.Q. | 1       | IS:3025(P-65)          |
| 31                                        | Cadmium (as Cd), mg/l                       | Max. 0.003                              | No Relaxation                                                 | B.L.Q. | 0.002   | IS:3025(P-65)          |
| 32                                        | Lead (as Pb), mg/l                          | Max. 0.01                               | No Relaxation                                                 | B.L.Q. | 0.005   | IS:3025(P-65)          |
| 33                                        | Mercury (as Hg) mg/l                        | Max. 0.001                              | No Relaxation                                                 | B.L.Q. | 0.0005  | IS:3025(P-65)          |
| 34                                        | Total Arsenic (as As) mg/l                  | Max. 0.01                               | Max. 0.05                                                     | B.L.Q. | 0.005   | IS:3025(P-65)          |
| 35                                        | Total Chromium (as Cr) mg/l                 | Max. 0.05                               | No Relaxation                                                 | B.L.Q. | 0.01    | IS:3025(P-65)          |
| 36                                        | Silver (as Ag) mg/l                         | Max. 0.1                                | No Relaxation                                                 | B.L.Q. | 0.005   | IS:3025(P-65)          |
| 37                                        | Molybdenum (as Mo) mg/l                     | Max. 0.07                               | No Relaxation                                                 | B.L.Q. | 0.03    | IS:3025(P-65)          |
| 38                                        | Nickel (as Ni), mg/l                        | Max. 0.02                               | No Relaxation                                                 | B.L.Q. | 0.01    | IS:3025(P-65)          |
| 39                                        | Polychlorinated Biphenyls (PCB) mg/l        | Max. 0.0005                             | No Relaxation                                                 | B.L.Q. | 0.00002 | APHA 6630 B            |
| 40                                        | Polynuclear Aromatic Hydrocarbon (PAH) mg/l | Max. 0.0001                             | No Relaxation                                                 | B.L.Q. | 0.00005 | APHA 6440              |
| 41                                        | Butachlor µg/l                              | Max.125                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 42                                        | Isoproturon µg/l                            | Max.9.0                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 43                                        | Alachlor µg/l                               | Max.20.0                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 44                                        | Atrazine µg/l                               | Max. 2.0                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 45                                        | Methyl Parathion µg/l                       | Max.0.3                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 46                                        | Malathion µg/l                              | Max.190                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 47                                        | o,p DDE µg/l                                | Max.1.0                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 48                                        | p,p DDE µg/l                                | Max.1.0                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 49                                        | o,p DDD µg/l                                | Max.1.0                                 | Not Relaxation                                                | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 50                                        | p,p DDD µg/l                                | Max.1.0                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 51                                        | o,p DDT µg/l                                | Max.1.0                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 52                                        | p,p DDT µg/l                                | Max.1.0                                 | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 53                                        | α HCH µg/l                                  | Max.0.01                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 54                                        | Beta HCH µg/l                               | Max.0.04                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 55                                        | δ HCH µg/l                                  | Max.0.04                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 56                                        | α Endosulphan µg/l                          | Max. 0.4                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 57                                        | Beta endosulphan µg/l                       | Max. 0.4                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 58                                        | Endosulfan Sulfate µg/l                     | Max. 0.4                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |
| 59                                        | Monocrotophos µg/l                          | Max. 1.0                                | No Relaxation                                                 | B.L.Q. | 0.01    | GL/SOP/I-025           |

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|-------------------------|---------------------------|-----------------------------------------|---------------------------------------------------------------|--------|-------|----------------|
| 60                      | Ethion µg/l               | Max. 3.0                                | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| 61                      | Lindane µg/l              | Max. 2.0                                | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| 62                      | Chlorpyrifos µg/l         | Max. 30.0                               | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| 63                      | Phorate µg/l              | Max. 2.0                                | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| 64                      | Aldrin µg/l               | Max. 0.03                               | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| 65                      | Dieldrin µg/l             | Max. 0.03                               | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| 66                      | 2,4-D µg/l                | Max. 30                                 | No Relaxation                                                 | B.L.Q. | 0.01  | GL/SOP/I-025   |
| <b>Biological Water</b> |                           |                                         |                                                               |        |       |                |
| 1                       | Total Coliform per 100 ml | Shall not be Detectable                 | Shall not be Detectable                                       | Absent | —     | IS: 15185:2016 |
| 2                       | E.coli per 100 ml         | Shall not be Detectable                 | Shall not be Detectable                                       | Absent | —     | IS: 15185:2016 |

**Remark :** Sample Found CONFORM as per IS:10500-2012 (Acceptable Limit) with Amendment NO-4 for the tested parameters.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Customer requested for the above test only

FOR, GUJARAT TESTLAB PVT. LTD



For NABL Scope

*Mamta Bhavsar*  
Reviewed By



For Verification

*Hemal Darji-Trupti Thakor*  
Autho. Signatory

\*\*\* END OF REPORT \*\*\*

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