


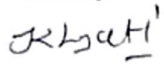




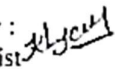
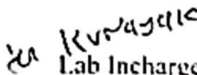
Copy of the Water Examination Report

|  | GUJARAT WATER SUPPLY & SEWERAGE BOARD DISTRICT LABORATORY GANDHINAGAR Ground Floor, GJT1, G-Road, Sec-15, Gandhinagar | DLJ7.8/F-01  TC-12958 | | |
|--|---|--|--|------------------|
| Test Report | | | | |
| Name & Address of Customer:- | | | | |
| Swarnim International School Nr. Jay Farm, Adalaj-uvarsad Cross Road S.G. Highway Gandhinagar | Customer Reference No.:- | | | |
| | Sample Submitted by :Customer Date of Sample Receipt :12-Aug-2024 Analysis Starting Date :14-Aug-2024 Analysis Completion Date :14-Aug-2024 Dicipline:Chemical Testing,Group:Drinking Water ULR - TC129242400000632F | | | |
| Test Report No.: 632/2024-25 | Date of Issue : 16-Aug-2024 | | | |
| Sample ID : 632 | Mode of Sample: Satisfactory | | | |
| Main Source :Ground Water | Source :R.O. Water | | | |
| Location :Swarnim Internatrional School | | | | |
| Village :Uvarsad | Habitation :Uvarsad | | | |
| Taluka :Gandhinagar | District :Gandhinagar | | | |
| Latitude :- | Longitude :- | | | |
| Kindly find herewith the Analytical Results. | | | | |
| Sample Type : Drinking Water | | | | |
| Sr.No. | Parameter | Unit | Reference Method : | Analytical Value |
| 1 | Odour | - | IS : 3025 (Part 5) - 2018 | Agreeable |
| 2 | Turbidity | NTU | APHA (24 th Ed 2023), Method: 2130 B | 0.98 |
| 3 | pH at 25°C | - | APHA (24 th Ed 2023) Method: 4500 H ⁺ B | 8.18 |
| 4 | Conductivity at 25°C | µS/cm | APHA (24 th Ed 2023) Method: 2510 B | 266 |
| 5 | Total Dissolved Solids | mg/l | APHA (24 th Ed 2023) Method: 2540 C | 168 |
| 6 | Total Hardness(as CaCO ₃) | mg/l | APHA (24 th Ed 2023) Method: 2340 C | 100 |
| 7 | Calcium (as Ca ⁺²) | mg/l | APHA (24 th Ed 2023) Method: 3500 Ca+2 B | 22 |
| 8 | Magnessium (as Mg ⁺²) | mg/l | APHA (24 th Ed 2023) Method: 3500-Mg+2 B | 11 |
| 9 | Chloride (as Cl ⁻) | mg/l | APHA (24 th Ed 2023) Method: 4500-Cl – B | 32 |
| 10 | Sulphate (as SO ₄ ⁻²) | mg/l | APHA (24 th Ed 2023) Method: 4500-SO4-2 E | 12 |
| 11 | Nitrate (as NO ₃ ⁻) | mg/l | APHA (24 th Ed 2023) Method: 4500-NO3- B | 1.42 |
| 12 | Fluoride (as F ⁻) | mg/l | APHA (24 th Ed 2023) Method: 4500-F – C | 0.21 |
| 13 | Total Alkalinity(as CaCO ₃) | mg/l | APHA (24 th Ed 2023) Method: 2320 B | 88 |
| This Report is issued under the following terms & Condition : 1. This report is referring only to the tested sample and for applicable parameter. 2. The sample will be destroyed after retention time unless otherwise specified specially. 3. This report is not to be reproduce wholly or in part, and can't be used be as evidence in court of law. 4. Please refer back page for IS 10500 2012 (2 nd Revision) limits. | | | | |
|  | | | Issued By:  Khyati Nayak (Quality Manager) Authorized Signatory | |
| ----- End of the Test Report ----- | | | | |
| O.W.No. DLGNR/ 632 1st 2024, DL 1616 /2024. Ground Floor, GJT1, G-Road, Sec-15, Gandhinagar E-mail: districtlabgandhinagar@gmail.com | | | | |


Principal
 Swarnim International School
 Gandhinagar


Director General
 Swarnim International School
 Gandhinagar

Copy of the Bacteriological Water Examination Report

| | | |
|--|---|--|
|  | DISTRICT LABORATORY GUJARAT JALSEVA TRAINING INSTITUTE GUJARAT WATER SUPPLY & SEWERAGE BOARD SECTOR - 15, 'G' Road, GANDHINAGAR - 382016 |  |
| REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER | | |
| Name & Address:- | | |
| Swarnim International School | Sender's Ref.No: | - |
| Nr.Jay Farm,Adalaj-uvarsad Cross Road, S.G. Highway | Date of Receipt at Lab. / Arrival Date: | 12-Aug-24 |
| Gandhinagar | Sample Collected By: | Sender |
| Lab Ref. i.e. BW No. | 563 | |
| Date of Collection | 12-Aug-24 | |
| Date of Commencing Examination: | 12-Aug-24 | |
| Source of Water Sample | R.O. Water | |
| | Swarnim International School | |
| Village | Uvarsad | |
| Habitation | Uvarsad | |
| Taluka | Gandhinagar | |
| District | Gandhinagar | |
| Membrane Filtration Method, IS-15185:2016, ISO 9308-1:2014 for Total Coliform | <1 | |
| Membrane Filtration Method, IS-15185:2016, ISO 9308-1:2014 for Therotolerant Fecal Coliform (<i>E. coli</i>) | <1 | |
| Opinion For Potability As Per The BIS:10500:2012 | Safe | |
| Important Note:- | | |
| *Sample should be collected in sterile BOD bottle. | | |
| **"Unsafe" :- Proper Disinfection may render it safe. | | |
| *Presence of Coliform in water sample indicates the need of proper Disinfection. | | |
| NOTE : | | |
| Table - 6 Bacteriological Quality of Drinking Water (BIS: 10500:2012) : Second Revision. | | |
| *All Water Intended for Drinking - | | |
| (a) <i>E. coli</i> or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample. | | |
| *Treated Water Entering the Distribution system & Treated Water in the Distribution system - | | |
| (a) <i>E. coli</i> or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample. | | |
| (b) Total coliform bacteria shall not be detectable in any 100ml sample. | | |
| 1) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500 2012 for the given Drinking Water Sample only. | | |
| 2) This Report should not be taken as a basis to getting license from any Government authority. | | |
| 3) After Collection of Bacteriological sample, it must be preserved at (5±3)°C and submitted to laboratory within 24hrs. | | |
| Analysed By : Microbiologist |  |  Lab Incharge |
| Outward No.: GJT/Dist.Lab.BWT <u>15</u> / of 2024, Date: <u>16</u> / <u>8</u> / 2024 | | |


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Swarnim International School
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IS-10500:2012 (2nd Revision)

| Sr. No. | Parameter | Requirement (Acceptable Limit) | Permissible Limit in the Absence of Alternate Source |
|---------|---|--------------------------------|--|
| 1 | Odour | Agreeable | Agreeable |
| 2 | Turbidity, NTU, Max | 1 | 5 |
| 3 | pH value | 6.5 to 8.5 | No relaxation |
| 4 | Conductivity at 25 ^o C | - | - |
| 5 | Total Dissolved Solids, mg/l, Max | 500 | 2000 |
| 6 | Total Hardness (as CaCO ₃), mg/l, Max | 200 | 600 |
| 7 | Calcium (as Ca), mg/l, Max | 75 | 200 |
| 8 | Magnesium (as Mg), mg/l, Max | 30 | 100 |
| 9 | Chloride (as Cl), mg/l, Max | 250 | 1000 |
| 10 | Sulphate (as SO ₄), mg/l, Max | 200 | 400 |
| 11 | Nitrate (as NO ₃), mg/l, Max | 45 | No relaxation |
| 12 | Fluoride (as F), mg/l, Max | 1 | 1.5 |
| 13 | Total Alkalinity (as CaCO ₃), mg/l, Max | 200 | 600 |


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