



**DEPARTMENT OF CIVIL ENGINEERING
ENVIRONMENTAL ENGINEERING LABORATORY**

Ref. No. DoCE/EE Lab/Testing / *C-3401* /2022-23 Date: 10/1/2023

- 1 Name & Address of the party : **Sardar Vallabhbhai Patel Higher Secondary School, Surat**
- 2 Sample Supplier & Location : Sardar Vallabhbhai Patel Higher Secondary School,
Drinking water testing for CBSE School.
- 3 Nature of the sample & Purpose : Water
- 4 Date & Time of arrival of the Sample at laboratory : 3/1/2023 at 2:00pm
- 5 Date & Time of commencing analysis : 6/1/2023 at 12:00 pm

Analysis Report

Sr no.	Parameters	Results	Drinking Water Standards
1.	pH Value	7.3	6.5-8.5
2.	Turbidity(NTU)	0.5	Max 1
3.	Alkalinity (mg/L)as CaCO ₃	160	Max 200
4.	Total Dissolved Solids(mg/L)	325	Max 500
5.	Total Suspended Solids(mg/L)	14	-
6.	Total Solids(mg/L)	339	-
7.	Total Hardness (mg/L)as CaCO ₃	160	200
8.	Calcium Hardness(mg/L)as Ca ⁺⁺	90	75
9.	Magnesium Hardness(mg/L)as Mg ⁺⁺	70	30
10.	Chloride(mg/L)as Cl ⁻	35	250
11.	Sulfate(mg/L)	21	200
12.	Total Coliforms(MPN/100ml)	<1	0-1

- REMARK: 1. All the Tests are performed as per Standard Methods. (APHA 21st Edition) 3. This report is applicable only for sample supplied .
2. The sample was supplied by the Party. 4. B.D.L = Below detectable limit.

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10/1/23
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I/C. Environmental Engg. Lab

(Dr. R.A.Christian)
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(Prof. & Head, DoCE)
11/1/2023
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TERMS AND CONDITIONS GOVERNING THE TEST REPORT ISSUED

1. Samples are not drawn by Environmental Engineering Laboratory, DoCE, S.V.N.I.T., Surat, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the products is neither inferred nor implied.
2. The test report shall not be reproduced in full or part without the written approval of the Environmental Engineering Laboratory, DoCE, S.V.N.I.T., Surat.
3. The test report in full or part shall not be used for promotional or publicity purpose without the written consent of Environmental Engineering Laboratory, DoCE, S.V.N.I.T. Surat.
4. Perishable samples will be destroyed after testing, others after 07 Days from the date of issue of the report, unless otherwise agreed with the customer or as required by the applicable regulations.
5. Any dispute subjected to Surat jurisdiction.
6. Any correction invalidates this test report.
7. S.V.N.I.T, Surat will not be responsible if any legal issue arises in future.