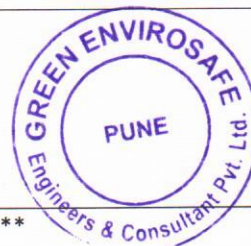



TEST REPORT		
Test Report No - GESEC/PRO/W/2022-23/05/678	Date of Reporting	31/05/2022
Sample ID - GESEC/PRO/W/2022-23/05/678	Sample Details	Ground Water
Name & Address of the Customer - M/s. Nira Bhima Sahakari Sakhar Karkhana Ltd., Address - At - Shahajinagar, Po.: Redani, Tal.: Indapur, Dist.: Pune, Maharashtra.	Type of Sample	Water
	Volume Of Sample	2 Lit
	Sample Status	Sealed
	Sample Collected By	Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune
	Date of Sample Collection	26/05/2022
	Date of Sample received in lab	27/05/2022
	Analysis start Date	27/05/2022
	Analysis End Date	31/05/2022

WATER ANALYSIS REPORT					
Parameter	Result		Limits as per IS 10500:2012	Unit(s)	Standard Method
	Bore Well	Piezometer			
Physical Parameter					
Conductivity	365.78	328.56	Not Specified	µS/cm	IS 3025 (Part 14) 1984 (RA 2006)
TDS	245.08	220.14	<500	mg/lit	IS :3025(part 16):2017
Chemical Parameter					
pH	7.52	7.77	6.5 to 8.5	--	APHA 4500, 23 rd Edition:2017
Total Hardness as CaCO ₃	113.26	101.49	<200	mg/lit	IS:3025 Part-21:2019
Sulphate	18.25	15.60	<200	mg/lit	IS:3025 Part-24:2019
Chloride	32.91	29.93	<250	mg/lit	IS:3025 Part-32:2019
Calcium (as Ca)	32.44	30.58	<75	mg/lit	IS:3025 Part-40:2019
Magnesium (as Mg)	7.83	6.10	<30	mg/lit	APHA 3500- Mg, B, 23 rd Edition:2017
Carbonates as CO ₃ ²⁻	BDL	BDL	Not Specified	mg/lit	APHA 2320
Bicarbonates as HCO ₃	56.21	48.76	Not Specified	mg/lit	APHA 2320
Potassium as K	25.67	23.11	Not Specified	mg/lit	APHA 3111 B
Sodium as Na	21.79	18.67	Not Specified	mg/lit	APHA 3111 B
Nitrate as NO ₃	12.08	9.80	< 45.00	mg/lit	APHA 4500 NO3 – B
Fluorides as F ⁻	0.15	0.12	< 1.00	mg/lit	APHA 4500-F- D

Remark(s):

- BDL: Below Detectable Limit.
- The above water sample is Comply with required limit as per 10500:2012.




Mr. Vinod Hande
 (Technical Manager)
 Reviewed & Authorized By

END OF REPORT

Terms and conditions

1. The report is refer only to the sample tested and not applies to the bulk.
2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
4. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
6. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.