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મુખ્ય વૈજ્ઞાનિક અધિકારીશ્રી,
જાહેર આરોગ્ય ઇજનેરી
પ્રયોગશાળા, જલસેવા ભવન,
પહેલો માળ, ગેરી કેમ્પસ, રેસકોર્સ,
વડોદરા ૩૯૦ ૦૦૭
ફોન નંબર :-(૦૨૬૫) ૨૩૪૪૪૨૮
ફેકસ: નંબર:-(૦૨૬૫)૨૩૪૦૫૪૫

TC-7283

Test Report

Name & Address of Customer * :-
Ved International School
Jal-pari farm, Koyali umeta road,
Sherkhi,
Vadodara
Customer
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Customer Reference No.*: Nil/Dt.28.06.2023
Sample Submitted by: Customer
Date of Sample Receipt: 28.06.2023
Date of Sample Collection * : 27.06.2023
Analysis Starting Date: 28.06.2023
Analysis competion Date: 28.06.2023
ULR No: TC728323000002398F

Test Report No:	1547 /2023-24	Discipline:Chemical testing	Group:Water
Sample ID:	VCW-1547/06-23	Date of Issue:	28.06.2023
Customer ID *:	1	Mode of Sample:	Satisfactory
Main Source *:	R.O.Treated Water	Source *:	--
Location *:	Sherkhi From School		
Village *:	Sherkhi	Habitation *:	Sherkhi
Taluka *:	Vadodara	District*:	Vadodara
Latitude*:	--	Longitude *:	--
Kindly find herewith the Analytical Results.		Sample Type: Drinking Water	

Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Turbidity	NTU	APHA (23rd Ed.2017), Method: 2130 B	0.54
2	pH at 25^{0}C	-	APHA (23rd Ed.2017) Method: 4500 H^+ B	8.11
3	Conductivity at 25^{0}C	µS/cm	APHA (23rd Ed.2017) Method: 2510 B	695
4	Total Dissolved Solids	mg/l	APHA (23rd Ed.2017) Method: 2540 C	440
5	Total Hardness (as $CaCO_3$)	mg/l	APHA (23rd Ed.2017) Method: 2340 C	324
6	Calcium (as Ca^{+2})	mg/l	APHA (23rd Ed.2017) Method: 3500 Ca^{+2} B	16
7	Magnessium (as Mg^{+2})	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg^{+2} B	69
8	Chloride (as Cl^-)	mg/l	APHA (23rd Ed.2017) Method: 4500-Cl^- B	36
9	Sulphate (as SO_4^{-2})	mg/l	APHA (23rd Ed.2017) Method: 4500-SO_4^{-2} E	11.36
10	Nitrate (as NO_3^-)	mg/l	APHA (23rd Ed.2017) Method: 4500-NO_3^- B	16.19
11	Fluoride (as F^-)	mg/l	APHA (23rd Ed.2017) Method: 4500-F^- C	B.D.L.
12	Total Alkalinity (as $CaCO_3$)	mg/l	APHA (23rd Ed.2017) Method: 2320 B	84
13	Odour	Qualitative	IS 3025 (Part 5)-2018 (Second revision)	Agreeable
14	Taste	Qualitative	IS 3025 (Part 8)-1984 (Reaffirmed 2012)	Agreeable

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 (2nd Revision) limits.
5. Abbreviations: B.D.L. = Below Detection Limit, A.D.L.= Above Detection Limit
6. Disclaimer : Information marked by " * " is provided by the customer.

Checked By :

(N.A.Patel)
Chemist / ~~Microbiologist~~

Issued By:

(C.N.Pandya)JLA
Authorized Signatory

O.W.No. PHEL/WTU/206 /of 2023, Dt.28/06 / 2023.

---------- End of the Test Report ----------

Digitally signed by parg office RS
Date: 2024.04.29 15:37:02 +05:30
Reason: reason
Location: location

IS-10500:2012 (2nd Revision)

Sr. No.	Parameter	Unit	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
			Max.	Max.
1	Turbidity	NTU	1	5
2	pH at 25^0C	-	6.5 to 8.5	No relaxation
3	Conductivity at 25^0C	µS/cm	-	-
4	Total Dissolved Solids	mg/l	500	2000
5	Total Hardness (as $CaCO_3$)	mg/l	200	600
6	Calcium (as Ca)	mg/l	75	200
7	Magnesium (as Mg)	mg/l	30	100
8	Chloride (as Cl)	mg/l	250	1000
9	Sulphate (as SO_4)	mg/l	200	400
10	Nitrate (as NO_3)	mg/l	45	No relaxation
11	Fluoride (as F)	mg/l	1	1.5
12	Total Alkalinity (as $CaCO_3$)	mg/l	200	600
13	Odour	Qualitative	Agreeable	Agreeable
14	Taste	Qualitative	Agreeable	Agreeable