



CHENNAI METTEX LAB PRIVATE LIMITED[®]



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TC-5589

TEST REPORT

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ISSUED TO : **M/s. Aeronero Solutions Private Limited,**
 15, 1st Cross Street, Sriram Avenue,
 Natesan Colony, Kottivakkam,
 Chennai-600 041,
 Tamil Nadu, India.

Test Certificate No : CML/24-25/T006844

Test Certificate Date : 26/08/2024

Date of Receipt : 20/08/2024

Customer Reference : SRF Dated : 20.08.2024

Analysis Commenced On : 21/08/2024

Laboratory No : 2502917/001

Analysis Completed On : 23/08/2024

Sample Description : **RO Water**
(as stated by customer)

S.No.	Test Parameters	Test Method	Units	Results	Limit as per IS: 10500:2012 (Reaff.2018) With Amendment No : 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Discipline :Chemical					Group :Water	
1	Colour	IS: 3025 Part: 4 -2021	Hazen	Less than 1	5.0	15
2	Odour	IS: 3025 Part: 5-2018	-	Agreeable	Agreeable	Agreeable
3	Turbidity	IS 3025 Part 10 - 2023	NTU	Less than 0.5	1.0	5.0
4	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	-	8.13	6.5 - 8.5	No Relaxation
5	Conductivity @ 25°C	IS:3025 Part 14 : 2013	µS/cm	100	-	-
6	Total Dissolved Solids	IS 3025 Part 16 - 2023	mg/l	55	500	2000
7	Total Hardness as CaCO ₃	IS 3025 Part 21 - 2009(EDTA titrimetric method)	mg/l	35	200	600
8	Calcium as Ca	IS 3025 Part 40 - 1991 (EDTA titrimetric method)	mg/l	4	75	200
9	Magnesium as Mg	IS 3025 Part 46 - 2023	mg/l	6.1	30	100
10	Chloride as Cl	IS 3025 Part 32 -1988 (Argentometric Method)	mg/l	4.9	250	1000
11	Total Alkalinity as CaCO ₃	IS 3025 Part 23 - 2023	mg/l	47.6	200	600
12	Sulphate as SO ₄	IS 3025 Part 24/Sec 1 - 2022	mg/l	1.7	200	400
13	Nitrate as NO ₃	APHA 24th Edn. 2023 - 4500 NO ₃ -B	mg/l	1.8	45	No Relaxation
14	Iron as Fe	IS 3025 Part 53 -2003 (1, 10 phenanthroline method)	mg/l	BDL(DL:0.01)	1.0	No Relaxation
15	Fluoride as F	APHA 24th Edn. 2023 - 4500 - F -D	mg/l	BDL(DL:0.1)	1.0	1.5
Discipline :Biological					Group :Water	
16	<i>Escherichia coli</i>	IS 15185 - 2016 (Reaff.2021)	-	Absent/100 ml	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample
17	Total Coliform	IS 15185 - 2016 (Reaff.2021)	-	Absent/100 ml	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample

Note: The above water sample **complies with Acceptable** limits of drinking water specification as per IS: 10500:2012(Reaff.2018) With Amendment No: 4 November 2021 with respect to above parameters tested.

Abbreviation: BDL: Below Detection Limit; DL: Detection Limit.

.....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
B. ARUNAN
 Technical Manager
 Authorised Signatory



Reviewed & Authorised by
P. KAVITHA
 Technical Manager
 Authorised Signatory

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