

Issued to :

M/s. Maharishi International School
Zamin Muthur, Palghat Road,
Pollachi - 642 005.
Coimbatore Dist



ABC Techno Labs
India Private Limited

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(An ISO : 9001, ISO : 14001, OHSAS : 18001 & ISO : 22000 Certified Company)

Report Number	:	TC577019	TEST REPORT
Sample Description	:	RO-Outlet	
Report Date	:	24-01-2019	Page 2 of 2

S.NO.	PARAMETER	UNIT	RESULTS	TEST PROCEDURE	ACCEPTABLE LIMIT AS PER IS 10500 : 2012
19	Temporary Hardness as CaCO ₃	mg/l	2	By CALCULATION	Not Specified
20	Permanent Hardness as CaCO ₃	mg/l	9	By CALCULATION	Not Specified
21	Silica as SiO ₂	mg/l	2.3	APHA 22 nd EDN -4500-SiO ₂ D	Not Specified
22	P- Alkalinity as CaCO ₃	mg/l	Nil	IS : 3025 Part 23-1986(Reaff:2003)	Not Specified
23	Carbonate Alkalinity as CaCO ₃	mg/l	Nil	IS : 3025 Part 23-1986(Reaff:2003)	Not Specified
24	Bicarbonate Alkalinity as CaCO ₃	mg/l	10	IS : 3025 Part 23-1986(Reaff:2003)	Not Specified
25	Hydroxide Alkalinity as CaCO ₃	mg/l	Nil	IS : 3025 Part 23-1986(Reaff:2003)	Not Specified
26	Free carbon dioxide	mg/l	7	APHA 22 nd Edition, 4500-CO ₂ C	Not Specified
27	Calcium Hardness as CaCO ₃	mg/l	6	IS : 3025 Part 40-1991 (Reaff:2003)	Not Specified
28	Magnesium Hardness as CaCO ₃	mg/l	5	by calculation	Not Specified
29	Carbonate Hardness as CaCO ₃	mg/l	10	by calculation	Not Specified
30	Non-Carbonate Hardness as CaCO ₃	mg/l	1	by calculation	Not Specified
31	Tidy's test O ₂	mg/l	<1	Permanganate Oxidation Method	Not Specified
32	Total Coliform	MPN/100ml	<2	IS 1622-1981 RA 2014	Absent/100ml

BDL- Below Detection Limit

The Sample meets the requirement of IS 10500: 2012 for drinking water tolerance limit with the respect to above parameter tested.

.....End of report.....



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TEST REPORT

SAMPLE DETAILS:

Page 1 of 2

Report Number	TC57701910000580	Sample Drawn By	Laboratory
Customer Reference	As per TRF	Sampling Method	IS : 3025 - Part 1
Sample Description	RO-Outlet	Date of Receipt	21-01-2019
Appearance	Clear	Date of Analysis	21-01-2019
Sample Condition	Good	Analysis Completed On	23-01-2019
Quantity	2 Litres	Report Date	24-01-2019

S.No.	PARAMETER	UNIT	RESULTS	TEST PROCEDURE	ACCEPTABLE LIMIT AS PER IS 10500 : 2003
1	Colour	Hazen	BDL(<2)	APHA 22 nd EDITION	5
2	Appearance	Visual	Clear	APHA 22 nd EDITION	-
3	Odour	-	Nil	APHA 22 nd EDITION	Agreeable
4	Turbidity	NTU	BDL(<0.5)	IS : 3025 Part 10-1984 (Reaff: 2002)	1
5	pH at 25 °C	-	6.68	IS : 3025 Part 11- 1983 (Reaff: 2002)	6.5-8.5
6	Conductivity	µS/cm	57	IS : 3025 Part 14- 1984 (Reaff: 2002)	Not Specified
7	Total dissolved solids	mg/l	31	IS : 3025 Part 16-1984 (Reaff: 2003)	500
8	Total Suspended solids	mg/l	BDL(<2)	IS : 3025 Part 17-1984 (Reaff: 2002)	Not Specified
9	Total Alkalinity as CaCO ₃	mg/l	10	IS : 3025 Part 23- 1986(Reaff:2003)	200
10	Total Hardness as CaCO ₃	mg/l	11	IS : 3025 Part 21-2009	200
11	Calcium as Ca	mg/l	2	IS : 3025 Part 40-1991 (Reaff:2003)	75
12	Magnesium as Mg	mg/l	1.4	APHA 22 nd EDN-3500 Mg B	30
13	Chloride as Cl ⁻	mg/l	6	IS : 3025 Part 32-1988 (Reaff: 2003)	250
14	Sulphate as SO ₄	mg/l	BDL(<1)	APHA 22 nd EDN -4500-SO ₄ ²⁻ E	200
15	Iron as Fe	mg/l	BDL(<0.05)	IS : 3025 Part 53-2003	1
16	Fluoride as F	mg/l	BDL(<0.1)	APHA 22 nd EDN -4500-F B&D	1.00
17	Residual free Chlorine	mg/l	BDL(<0.10)	APHA 22 nd EDN -4500-Cl B	0.20
18	Free Ammonia as NH ₃	mg/l	BDL(<0.05)	APHA 22 nd EDN-4500- NH ₃ B&C	0.5

Contd...



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