

Issued to :

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RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MOEFCC), GOVERNMENT OF INDIA

## TEST REPORT

### SAMPLE DETAILS:

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Report Number	ABCTL/20180305/W/5010	Sample Drawn By	Customer
Customer Reference	As per TRF	Sampling Method	-
Name of the Sample	Water	Date of Receipt	05-03-2018
Sample Description	RO Drinking Water	Date of Analysis	05-03-2018
Sample Condition	Good	Analysis Completed On	08-03-2018
Sample Quantity	1.5 Liters	Report Date	08-03-2018

S. No.	PARAMETER	UNIT	RESULTS	TEST PROCEDURE	Requirement as per IS 10500 : 2012	
					ACCEPTABLE LIMIT	PERMISSIBLE LIMIT
1	Appearance	-	Clear and Colourless	Visual	-	-
2	Colour	Hazen	Nil	APHA 22 <sup>nd</sup> EDITION	5 Max.	15
3	Odour	-	No Odour Observed	APHA 22 <sup>nd</sup> EDITION	Agreeable	Agreeable
4	Turbidity	NTU	BDL (<0.5)	IS : 3025 Part 10-1984 (Reaff: 2012)	1 Max.	5
5	pH at 25 °C	-	6.70	IS : 3025 Part 11- 1983 (Reaff: 2012)	6.5-8.5	No Relaxation`
6	Conductivity at 25 °C	µS/cm	153	IS : 3025 Part 14- 1984 (Reaff: 2013)	Not Specified	Not Specified
7	Total Dissolved Solids	mg/l	88	IS : 3025 Part 16-1984 (Reaff: 2012)	500 Max.	2000
8	P. Alkalinity as CaCO <sub>3</sub>	mg/l	Nil	IS : 3025 Part 23- 1986(Reaff:2009)	Not Specified	Not Specified
9	Total Alkalinity as CaCO <sub>3</sub>	mg/l	26	IS : 3025 Part 23- 1986(Reaff:2009)	200 Max.	600
10	Total Hardness as CaCO <sub>3</sub>	mg/l	12	IS : 3025 Part 21-2009	200 Max.	600
11	Calcium as Ca	mg/l	2.4	IS : 3025 Part 40-1991 (Reaff:2003)	75 Max.	200
12	Magnesium as Mg	mg/l	1	APHA 22 <sup>nd</sup> EDN-3500 Mg B	30 Max.	100
13	Chloride as Cl <sup>-</sup>	mg/l	30	IS : 3025 Part 32-1988 (Reaff: 2009)	250 Max.	1000
14	Sulphate as SO <sub>4</sub>	mg/l	1.50	APHA 22 <sup>nd</sup> EDN -4500-SO <sub>4</sub> <sup>2-</sup> E	200 Max.	400

Contd....

S. Dhanraj  
Verified



S.Ravi

Authorized Signatory

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- The test results relate only to the items tested
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- The Laboratory's responsibility under this report is limited to proven willful negligence and will in no case be more than the invoiced amount.

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REPORT NO : ABCTL/20180305/W/5010  
SAMPLE DESCRIPTION : RO Drinking Water  
DATE OF REPORT : 08-03-2018

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S. No.	PARAMETER	UNIT	RESULTS	TEST PROCEDURE	Requirement as per IS 10500 : 2012	
					ACCEPTABLE LIMIT	PERMISSIBLE LIMIT
15	Manganese as Mn	mg/l	BDL (<0.02)	APHA 22 <sup>nd</sup> EDN -3500-Mn D	0.10 Max.	0.3
16	Copper as Cu	mg/l	BDL (<0.03)	APHA 22 <sup>nd</sup> EDN -3111 B	0.05 Max.	1.5
17	Iron Total as Fe	mg/l	BDL (<0.05)	IS : 3025 Part 53-2003	1 Max.	No Relaxation`
18	Fluoride as F	mg/l	0.37	APHA 22 <sup>nd</sup> EDN -4500-F B&D	1.00 Max.	1.5
19	Nitrate as NO <sub>3</sub>	mg/l	5.72	APHA 22 <sup>nd</sup> EDN-4500- NO <sub>3</sub> B	45 Max.	No Relaxation`
20	Residual Free Chlorine	mg/l	BDL (<0.10)	APHA 22 <sup>nd</sup> EDN -4500-Cl B	0.20 Min	1

BDL- Below Detection Limit

.....END OF REPORT.....

*S. Ravi*  
Verified



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