



BANGALORE TEST HOUSE

D-36, 4th Main, KSSIDC Industrial Estate, Rajajinagar,
Bengaluru - 560 044. INDIA

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Certifications/Approval

ISO:9001-2008

ISO:18001-2007

FSSAI

TEST REPORT

Issued to : Instrumentation & Applied Physics Dept. Indian Institute of Science, BANGALORE.	Report Date : 07/05/2016
	Customer Reference : E-Mail
	Date of Receipt : 15/04/2016
	Date of Start of Test : 15/04/2016
Sample Nature/Name : Water	Date of Completion of Test : 07/05/2016
	Sample Particulars : Water Samples
Sample Condition : Satisfactory	

Test Parameter	pH	Turbidity	Magnesium Hardness, mg/L
Acceptable Limits as per IS:10500-2012	6.5-8.5	Max 1.0	Max.200 (Total Hardness) Max. 30 (as Mg)
Permissible Limits as per IS:10500-2012	No Relaxation	Max 5.0	Max.600 (Total Hardness) Max. 100 (as Mg)
Test Method	IS: 3025 (P 11)	IS: 3025 (P 10)	IS: 3025 (P 46)
Sample Code			
Mg 500- OT1	7.3	4.2	430.5
Mg 500- OT2	7.17	0.3	430.5
Mg 500- OT3	6.13	0.2	420.0
Mg 500- OT4	4.56	<0.01	119.7
Mg 500- BT1	-	-	-
Mg 500- BT2	3.85	0.3	256.8
Mg 500- BT3	4.17	0.5	278.2
Mg 500- BT4	3.49	1.7	256.8
Mg 500- BT5	7.35	2.4	109.2
Mg 500- BT6	7.15	0.8	155.4
Mg 500-BT7	6.41	0.7	157.5
Mg 500-BT8	6.44	0.3	159.6

[Signature]
AUTHORISED SIGNATORY

NOTE : 1. The result listed refer only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied. 2. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. 3. This report is not to be reproduced wholly or in part & cannot be used as an evidence in the Court of law & should not be used in any advertising media without our special permission in writing. 4. Sample(s) not drawn by us unless otherwise stated. 5. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bangalore Jurisdiction only.



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Sample Nature/Name : Water	Date of Completion of Test : 07/05/2016
	Sample Particulars : Water Samples
Sample Condition : Satisfactory	

Test Parameters	pH	Turbidity, NTU	Calcium Hardness, as CaCO ₃ , mg/L
Acceptable Limits as per IS:10500-2012	6.5-8.5	Max. 1.0	Max.200 (Total Hardness) Max. 75 (as Ca)
Permissible Limits as per IS:10500-2012	No Relaxation	Max. 5.0	Max. 600(Total hardness) Max. 200 (as Ca)
Test Method	IS: 3025 (P 11)	IS: 3025 (P 10)	IS: 3025 (P 40)
Sample Code			
Ca 500 OT-1	4.19	0.2	438.7
Ca 500 OT-2	4.49	0.5	492.2
Ca 500 OT-3	4.13	0.3	481.5
Ca 500 OT-4	4.39	0.4	428.0
CA 500 OT-1	6.35	1.2	304.5
CA 500 OT-2	6.44	1.1	388.5
CA 500 OT-3	6.33	0.2	502.9
CA 500 OT-4	8.77	1.0	449.4
CA 500 OT-5	8.32	1.6	460.1
CA 500 OT-6	7.88	1.4	460.1
CA 500 OT-7	6.72	1.0	513.6
CA 500 OT-8	6.72	0.4	492.2

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	Date of Start of Test : 15/04/2016
Sample Nature/Name : Water	Date of Completion of Test : 07/05/2016
	Sample Particulars : Water Samples
Sample Condition : Satisfactory	

Test Parameter	pH	Turbidity, NTU	Total Hardness, as CaCO ₃ , mg/L
Acceptable Limits as per IS:10500-2012	6.5-8.5	Max. 1.0	Max.200 (Total Hardness)
Permissible Limits as per IS:10500-2012	No Relaxation	Max. 5.0	Max.600 (Total Hardness)
Test Method	IS: 3025 (P 11)	IS: 3025 (P 10)	IS: 3025 (P 21)
Sample Code			
MC 500-OT1	4.25	0.3	513.6
MC 500-OT2	4.27	0.3	492.2
MC 500-OT3	4.39	0.5	470.8
MC 500-OT4	4.48	0.4	438.7
MC 500-OT5	6.06	0.3	399
MC 500-OT6	6.04	0.4	357
MC 500-OT7	6.00	0.3	367.5
MC 500-OT8	6.36	0.3	430.5
MgCa500-OT1	8.02	3.1	188.3
MgCa500-OT2	7.18	0.5	321
MgCa500-OT3	6.39	< 0.01	385.2
MgCa500-OT4	6.88	0.2	197.9

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