



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

TC-6118

ULR - TC611824000020213F
Report No : QEN24040515-13

Page 1 of 2
Report Date : 30 Apr 2024

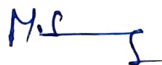
Customer Name : M/s. DALMIA CEMENT (BHARAT) LIMITED.
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu Kadapa, Andhra Pradesh - 516434.
 Sample Name : Drinking Water
 Sample Description : Drinking Water
 Reference : Test Request Form Dated 22.04.2024
 Sample Drawn By : Laboratory
 Sample Location : Pump House
 Sample Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06

Sample Quantity : 5 Lit x 1 No,
 100 ml x 2No's
 Sampling Date : 24 Apr 2024
 Sample Received on : 26 Apr 2024
 Test Started on : 26 Apr 2024
 Test Completed on : 29 Apr 2024

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 10500-2012-Amd:4	
					Acceptable Limit	Permissible Limit in the absence of alternative source
Biological						
1	<i>Escherichia coli</i>	IS 15185	Per 100mL	Absent	Absent/100mL	Absent/100mL
2	<i>Total Coliforms</i>	IS 15185	Per 100mL	Absent	Absent/100mL	Absent/100mL
Clause 4, Table 1 Organoleptic And Physical parameters						
3	Colour	IS 3025 (Part 04)	Hazen	Less than 1.0	5.0 Max	15.0 Max
4	Odour	IS 3025 (Part 05)	--	Agreeable	Agreeable	Agreeable
5	pH Value	IS 3025 (Part 11)	--	7.51	6.5 - 8.5	No Relaxation
6	Total Dissolved Solids	IS 3025 (Part 16)	mg/L	335	500.0 Max	2000.0 Max
7	Turbidity	IS 3025 (Part 10)	NTU	Less than 0.1	1.0 Max	5.0 Max
Clause 4, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts						
8	Calcium (as Ca)	IS 3025 (Part 40)	mg/L	35	75.0 Max	200.0 Max
9	Chloride (as Cl)	IS 3025 (Part 32)	mg/L	97	250.0 Max	1000.0 Max
10	Fluoride as F	IS 3025 (Part 60)	mg/L	BLQ(LOQ:0.1)	1.0 Max	1.5 Max
11	Free Residual Chlorine	IS 3025 (Part 26)	mg/L	BLQ(LOQ:0.1)	0.2 Min	1.0 Min
12	Iron (as Fe)	IS 3025 (Part 53)	mg/L	BLQ(LOQ:0.05)	1.0 Max	No Relaxation
13	Magnesium (as Mg)	IS 3025 (Part 46)	mg/L	15	30.0 Max	100.0 Max


J. Mohammed Shabir
 Authorized Signatory-Biological


M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



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Page 2 of 2
Report Date : 30 Apr 2024

S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 10500-2012-Amd:4	
					Acceptable Limit	Permissible Limit in the absence of alternative source
14	Nitrate (as NO3)	APHA 23rd Edition:4500 NO3 B 2017	mg/L	10	45.0 Max	No Relaxation
15	Sulphate (as SO4)	IS 3025 (Part 24) Sec 1	mg/L	41	200.0 Max	400.0 Max
16	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)	mg/L	156	200.0 Max	600.0 Max
17	Total Hardness (as CaCO3)	IS 3025 (Part 21)	mg/L	154	200.0 Max	600.0 Max
Others						
18	Conductivity @ 25°C	IS 3025 (Part 14)	µS/cm	588	--	--
19	Silica as SiO2	IS 3025 (Part 35)	mg/L	5.7	--	--
20	Total suspended solids (TSS)	IS 3025 (Part 17)	mg/L	BLQ(LOQ:2.0)	--	--

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.
Free Residual Chlorine Limit to be Applicable only for Chlorinated Water.

Remarks : The Drinking Water Sample Conforms to the Requirements of Acceptable Limits as per IS 10500:2012 : Amd : 4 for the Parameters tested above.

/***** End of the Report *****/

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Vin, Poonamallee Taluk, Chennai – 600124.

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TEST REPORT



TC-6118

ULR - TC611824000022534F
Report No : QEN24050258-12

Page 1 of 2
Report Date : 17 May 2024

Customer Name : M/s. DALMIA CEMENT (BHARAT) LIMITED.
 Customer Address : Chinnakomerla Village, Mylavaram Mandal,
 Jammalamadugu Kadapa, Andhra Pradesh - 516434.
 Sample Name : Drinking Water Sample Quantity : 5 Ltr x 1 No,
 100 mL x 1 No
 Sample Description : Drinking Water Sampling Date : 11 May 2024
 Reference : Test Request Form Dated 08.05.2024 Sample Received on : 13 May 2024
 Sample Drawn By : Laboratory Test Started on : 13 May 2024
 Sample Location : CCR Test Completed on : 16 May 2024
 Sample Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 10500-2012-Amd:4	
					Acceptable Limit	Permissible Limit in the absence of alternative source
Biological						
1	<i>Escherichia coli</i>	IS 15185	Per 100mL	Absent	Absent/100mL	Absent/100mL
2	<i>Total Coliforms</i>	IS 15185	Per 100mL	Absent	Absent/100mL	Absent/100mL
Clause 4, Table 1 Organoleptic And Physical parameters						
3	Colour	IS 3025 (Part 04)	Hazen	Less than 1.0	5.0 Max	15.0 Max
4	Odour	IS 3025 (Part 05)	--	Agreeable	Agreeable	Agreeable
5	pH Value	IS 3025 (Part 11)	--	7.17	6.5 - 8.5	No Relaxation
6	Total Dissolved Solids	IS 3025 (Part 16)	mg/L	87	500.0 Max	2000.0 Max
7	Turbidity	IS 3025 (Part 10)	NTU	Less than 0.1	1.0 Max	5.0 Max
Clause 4, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts						
8	Calcium (as Ca)	IS 3025 (Part 40)	mg/L	6.1	75.0 Max	200.0 Max
9	Chloride (as Cl)	IS 3025 (Part 32)	mg/L	18	250.0 Max	1000.0 Max
10	Fluoride as F	IS 3025 (Part 60)	mg/L	BLQ(LOQ:0.1)	1.0 Max	1.5 Max
11	Free Residual Chlorine	IS 3025 (Part 26)	mg/L	BLQ(LOQ:0.1)	0.2 Min	1.0 Min
12	Iron (as Fe)	IS 3025 (Part 53)	mg/L	BLQ(LOQ:0.05)	1.0 Max	No Relaxation
13	Magnesium (as Mg)	IS 3025 (Part 46)	mg/L	2.7	30.0 Max	100.0 Max

J. Mohammed Shabir
 Authorized Signatory-Biological

M. Sarathkumar
 Authorized Signatory-Chemical

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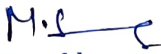
Page 2 of 2
Report Date : 17 May 2024

S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 10500-2012-Amd:4	
					Acceptable Limit	Permissible Limit in the absence of alternative source
14	Nitrate (as NO3)	APHA 23rd Edition:4500 NO3 B 2017	mg/L	2.3	45.0 Max	No Relaxation
15	Sulphate (as SO4)	IS 3025 (Part 24) Sec I	mg/L	6.2	200.0 Max	400.0 Max
16	Total Alkalinity (as CaCO3)	IS 3025 (Part 23)	mg/L	39	200.0 Max	600.0 Max
17	Total Hardness (as CaCO3)	IS 3025 (Part 21)	mg/L	26	200.0 Max	600.0 Max
Others						
18	Conductivity @ 25°C	IS 3025 (Part 14)	µS/cm	152	--	--
19	Silica as SiO2	IS 3025 (Part 35)	mg/L	0.63	--	--
20	Total suspended solids (TSS)	IS 3025 (Part 17)	mg/L	BLQ(I.OQ:2.0)	--	--

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.
Free Residual Chlorine Limit to be Applicable only for Chlorinated Water.

Remarks : The Drinking Water Sample Conforms to the Requirements of Acceptable Limits as per IS 10500:2012 : Amd : 4 for the Parameters tested above.

/****** End of the Report *****/


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