

NABL Accredited & MoEF Recognised Laboratory An ISO 9001: 2015 and OHSAS 45001: 2018 Certified Company

No. R7/1, AVK Tower, North Main Road, Anna Nagar West Extn. Chennai - 600 101.

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Web: www.ekdantlab.co.in

			TEST REPO	RT			
	ple Ref No. EES/W/347/10			Report No. : 537/10			
Issu	ed To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600		Report Date Page: 1 of 2	: 30.10.2021			
ousi Sam	pple Description pple Drawn By/ Date tomer's Reference pple Mark pple Location Water EES / 20 Letter D RO Wa Main Bl	ated on 26,10,2021 ter		Received On Commenced O Completed On			
246.00		LINE AND DESCRIPTION	As Per IS	5 10500:2012	1, 11, 12, 12, 12, 12, 12, 12, 12, 12, 1		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017	
			perties				
1	Appearance: When Analyzed After Filtration	5= 15	Clear Clear	-	2 5	_	
2	pH value at 2.5°C	(6)	6.51	6.5 - 8.5	6.5 - 8.5	4500 H ⁺ B	
3	Color	Hazen	1.0	5	15	2120 B	
4	Odor	4	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983	
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	82.0	5.	E	2510 B	
			Chemical Pro	perties			
> /	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	-	en .	IS:3025: P.17:1984	
8	Total Dissolved Solids	mg/l	48.0	500	2000	IS 3025:P.16:1984	

---End of Page 1----

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 Unless informed by the customer the test items will not be retained for more than 10 days from the date of issue of test report (exceptional for Microbiology and wastewater for which retaining time 7 days.)

Authorized Signatory



Sample Ref No. EES/W/347/10

Report No. : 537/10

Report Date : 30.10.2021

Page: 2 of 2

				Fage. Z UI Z		
				As Per IS	3 10500:2012	
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 201
9	Total Hardness as CaCO ₃	mg/l	9.0	200	600	2340 C
10	Calcium Hardness as CaCO ₃	mg/l	4.0		-	3500 - Ca B
9	Magnesium Hardness as CaCO ₃	mg/l	5.0		-	3500 – Mg B
12	Calcium as Ca	mg/l	1.60	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	1.20	30	100	3500 – Mg B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil		ē/	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	14.0	200	600	2320 B
16	Chlorides as Cl	mg/l	16.0	250	1000	4500 Cl B
17	Sulfates as SO ₄	mg/l	0.71	200	400	4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	BLQ (LOQ=0.01)	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	3.30	150	=	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	9.0	170	- 5	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	Nil	i i i	-	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification

Report Opinion: The above submitted water sample complies with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report---



& Priya lundi Authorized Signatory

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^{**} To be applicable only when water is chlorinated.



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Sami	ole Ref No. EES/W/347/1		TEST REPO	RT	
Issue	ed To: M/s.B.S.A.R. Cresc	ent Inctitute of O-1			7/10
	vanualui, Gilelinai	600 048.	nce & Technology	Report Date : 30.	10.2021
amp Samp	ole Description : Wa ble Drawn By/ Date : EE omer's Reference : Let ble Mark : RC		Page: 1 of 1 Received On : 26.10.2021 Commenced On : 26.10.2021 Completed On : 30.10.2021		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as pe IS 10500: 2012 Secor revision (Acceptable Limit)	nd PROTOCOL
		MIC	CROBIOLOGICAL EX	CAMINATION	
1	Total Coliforms	MPN / 100ml	Absent	Shall not be detectable any100 ml	in IS:1622-1981 Amd.4 RA
2 E.coli MPN / 100ml		MPN / 100ml	Absent	Shall not be detectable any100 ml	in IS:1622-1981 Amd.4 RA

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012

Ref. Decision Rule: EES/QSP/012

----End of Report----



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TEST REPORT

			IEST KEFOR					
Sam	ple Ref No. EES/W/350/10			Report No.	: 540/10			
Issu	ed To: M/s. B.S.A.R. Crescent Vandalur, Chennai-600		& Technology	Report Date :: 30.10.2021 Page: 1 of 2				
S Cus Sam	ple Description ple Drawn By/ Date fomer's Reference ple Mark ple Location Water EES / 2 Letter D RO Wa RO Wa Aero Sp	ated on 26.10.2021 ter		Received On Commenced C Completed On				
			As Per IS	3 10500:2012				
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017		
			Physical Prop	perties				
1	Appearance: When Analyzed After Filtration		Clear Clear	-	5	4		
2	pH value at 25°C	2	6.94	6.5 - 8.5	6.5 – 8.5	4500 H ⁺ B		
3	Color	Hazen	1.0	5	15	2120 B		
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983		
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	2130 B		
6	Electrical conductivity at 25°C	Micromhos/cm	37.0	5		2510 B		
Ī			Chemical Pro	perties				
\rightarrow	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	ā	5	IS:3025: P.17:1984		
8	Total Dissolved Solids	mg/l	20.0	500	2000	IS 3025:P.16:1984		

---End of Page 1---



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Samr	ole Ref No. EES/W/350/10	,		Report No. : 5	40/10		
oarn	Ne Itel 140.			Report Date 30.10.2021 Page: 2 of 2			
				As Per IS	3 10500:2012		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 201	
9	Total Hardness as CaCO ₃	mg/l	4.0	200	600	2340 C	
10	Calcium Hardness as CaCO ₃	mg/l	3.0	=	82.	3500 - Ca B	
	Magnesium Hardness as CaCO ₃	mg/l	1.0	B	024	3500 – Mg B	
12	Calcium as Ca	mg/l	1.20	75	200	3500 - Ca B	
13	Magnesium as Mg	mg/l	0.24	30	100	3500 - Mg B	
14	Phenoiphthalein Alkalinity as CaCO ₃	mg/l	Nil			2320 B	
15.	Total Alkalinity as CaCO ₃	mg/l	9.0	200	600	2320 B	
16	Chlorides as Cl	mg/l	12.0	250	1000	4500 Cl B	
17	Sulfates as SO ₄	mg/l	BLQ (LQQ=0.1)	200	400	4500 SO ₄ ²⁻ E	
18	Total Iron as Fe	mg/l	BLQ (LOQ=0.01)	0.3	0.3	3500 Fe- B	
19	Silica (Reactive) as SiO ₂	mg/l	0.43	Ħ	5	IS 3025: P.35:1988	
20	Carbonate Hardness as CaCO ₃	mg/l	4.0	8	ž.	2340 A	
21	Non-Carbonate Hardness as CaCO ₃	mg/l	Nil	-	-	2340 A	
?2	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B	

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification

** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report-



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respect to the parameters tested. Ref. Decision Rule: EES/QSP/012

EKDANT ENVIRO SERVICES (P) LIMITED

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Web: www.ekdantlab.co.in

Come	Defalls SECURIOR		TEST REPO	RT			
	ple Ref No EES/W/350/10)		Report No. : 540/10			
	d To: M/s.B.S.A.R. Cresc Vandalur, Chennai-	ent Institute of Scien	Report Date : 30.10.20 Page: 1 of 1	21			
Sample Description : Water Supple Drawn By/ Date : EES / 26.10.2021 Costomer's Reference : Letter Dated on 26.10.2021 Sample Mark : RO Water Sample Location : Aero Space				Received On : 26.10.2021 Commenced On : 26.10.2021 Completed On : 30.10.2021			
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)	PROTOCOL		
		M	ICROBIOLOGICAL E	XAMINATION			
Ť	Total Coliforms	MPN / 100ml	Absent	Shall not be detectable in any100 ml	IS:1622-1981 Amd.4 RA 2012		
2	E coli	MPN / 100ml	Absent	Shall not be detectable in any100 ml	IS:1622-1981 Amd.4 RA 2012		

---End of Report---



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			TEST REPO	RT				
Sam	ple Ref No EES/W/348/10			Report No. : 538/10				
	ed To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600	Institute of Science	& Technology	Report Date Page: 1 of 2	30.10.2021			
Sample Description Sample Drawn By/ Date stomer's Reference Sample Mark Sample Location Sample Description RES / 26.10.2021 Letter Dated on 26.10.2021 RO Water Life Science				Received On : 26.10.2021 Commenced On : 26.10.2021 Completed On : 30.10.2021				
01		NAKKERON.		As Per IS	3 10500:2012			
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017		
			perties					
1	Appearance: When Analyzed After Filtration		Clear		-	*		
2	pH value at 25°C	650	6.98	6.5 - 8.5	6.5 - 8.5	4500 H ⁺ B		
3	Color	Hazen	1.0	5	15	2120 B		
4	Odor	151	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983		
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	2130 B		
6	Electrical conductivity at 25°C	Micromhos/cm	86.0	-	-	2510 B		
			Chemical Prop	perties				
	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	*	w.	IS:3025: P.17:1984		
8	Total Dissolved Solids	mg/l	50.0	500	2000	IS 3025:P.16:1984		

---End of Page 1----



B. Paya linda.

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Sample Ref No. EES/W/348/10

Report No. 538/10 Report Date : 30.10.2021 Page: 2 of 2

				Page: 2 of 2		
				As Per IS	3 10500:2012	
SI. No	PARAMETERS	PARAMETERS UNITS F	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017
9	Total Hardness as CaCO ₃	mg/l	17.0	200	600	2349 C
10	Calcium Hardness as CaCO ₃	mg/l	6.0	-	75-1	3500 - Ca B
11	Magnesium Hardness as CaCO ₃	mg/l	11.0	_	€	3500 - Mg B
2	Calcium as Ca	mg/l	2.40	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	2.64	30	100	3500 - Mg B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil		V.EI	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	4.0	200	600	2320 B
16	Chlorides as Cl	mg/l	17.0	250	1000	4500 CI B
17	Sulfates as SO ₄	mg/l	1.79	200	400	4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	BLQ (LOQ=0.01)	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	4.78	=	81	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	4.0	13	5)	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	13.0		a	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B

Q= Below Limit of Quantification; LOQ= Limit of Quantification
** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

----End of Report----



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			TEST REPO	RT			
	le Ref No EES/W/348/			Report No.	: 538/10		
Issued	To: M/s.B.S.A.R. Cres Vandalur, Chenna		nce & Technology	Report Date Page: 1 of 1	30.10.202	1	
Samp Susto Damp	le Description : W le Drawn By/ Date : Et mer's Reference : Le le Mark : R le Location : L	21	Received On Commenced On Completed On	30:10.2021			
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL	
		MIC	CROBIOLOGICAL E	XAMINATION			
1	Total Coliforms	MPN / 100ml	Absent	Shall not be deter		IS:1622-1981 Amd.4 RA 2012	
2	E.coli	MPN / 100ml	Absent	Shall not be detectable in any100 ml		IS:1622-1981 Amd.4 RA 201	

MPN- Most Probable Number

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to the parameters tested.

Ref. Decision Rule: EES/QSP/012



----End of Report----



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-			TEST REPO	[V-15]				
Sam	ple Ref No.: EES/W/349/10			Report No. : 539/10				
Issu	ed To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600		e & Technology	Report Date : 30.10.2021 Page: 1 of 2				
Sam si Sam	pple Description pple Drawn By/ Date tomer's Reference pple Mark pple Location Water EES / 20 Letter D RO Wa Architet	oated on 26.10.2021 ter	Received On : 26.10.2021 Commenced On : 26.10.2021 Completed On : 30.10.2021					
	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	See Ford Print 701	Man Territoria (1911)	As Per I	S 10500:2012	24 + 1 24 TAN 22 4 7 27 1 - 17 1		
SI. No	PARAMETERS	UNITS	RESULTS	Requireme nt (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017		
			Physical Prop	erties				
1	Appearance When Analyzed After Filtration		Clear	5. 2	# 2			
2	pH value at 25°C	4:	7.02	6.5 – 8.5	6.5 - 8.5	4500 H [*] B		
3	Color	Hazen	1.0	5	15	2120 B		
4	Odor	(4)	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983		
5	Turbidity	NTU	BLQ (LOQ=0:1)	1	5	2130 B		
6	Electrical conductivity at 25°C	Micromhos/cm	162	e F	2	2510 B		
Chemical Prop				erties				
7	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	2	2	IS:3025: P.17:1984		
8	Total Dissolved Solids	mg/l	96.0	500	2000	IS 3025:P. 16:1984		

----End of Page 1----



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Sample Ref No.

EES/W/349/10

Report No.

539/10

Report Date : 30.10.2021

			Page: 2 of 2		
			As Per IS	3 10500:2012	
PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017
Total Hardness as CaCO ₃	mg/l	32.0	200	600	2340 C
Calcium Hardness as CaCO ₃	mg/l	9.0	<u>.</u>	·	3500 - Ca B
Magnesium Hardness as CaCO ₃	mg/l	23.0	1420	-	3500 - Mg B
Calcium as Ca	mg/l	3.60	75	200	3500 - Ca B
Magnesium as Mg	mg/l	5.52	30	100	3500 – Mg ⁻ B
Phenolphthalein Alkalinity as CaCO3	mg/l	Nil	(*)	7	2320 B
Total Alkalinity as CaCO ₃	mg/l	28.0	200	600	2320 B
Chlorides as CI	mg/l	30.	250	1000	4500 CI B
Sulfates as SO ₄	mg/l	5.0	200	400	4500 SO ₄ ²⁻ E
Total Iron as Fe	mg/l	BLQ (LOQ=0.01)	0.3	0.3	3500 Fe- B
Silica (Reactive) as SiO ₂	mg/l	5.80	(2)	20	IS 3025: P.35:1988
Carbonate Hardness as CaCO ₃	mg/l	28.0		38.5	2340 A
Non-Carbonate Hardness as CaCO ₃	mg/l	4.0	T _T		2340 A
Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B
	Total Hardness as CaCO ₃ Calcium Hardness as CaCO ₃ Magnesium Hardness as CaCO ₃ Calcium as Ca Magnesium as Mg Phenolphthalein Alkalinity as CaCO ₃ Total Alkalinity as CaCO ₃ Chlorides as Cl Sulfates as SO ₄ Total Iron as Fe Silica (Reactive) as SiO ₂ Carbonate Hardness as CaCO ₃	Total Hardness as CaCO ₃ mg/l Calcium Hardness as CaCO ₃ mg/l Magnesium Hardness as CaCO ₃ mg/l Calcium as Ca mg/l Magnesium as Mg mg/l Phenolphthalein Alkalinity as CaCO ₃ mg/l Total Alkalinity as CaCO ₃ mg/l Chlorides as Cl mg/l Sulfates as SO ₄ mg/l Total Iron as Fe mg/l Silica (Reactive) as SiO ₂ mg/l Carbonate Hardness as CaCO ₃ mg/l Non-Carbonate Hardness as CaCO ₃ mg/l	Total Hardness as CaCO3 mg/l 32.0 Calcium Hardness as CaCO3 mg/l 9.0 Magnesium Hardness as CaCO3 mg/l 23.0 Calcium as Ca mg/l 3.60 Magnesium as Mg mg/l 5.52 Phenolphthalein Alkalinity as CaCO3 mg/l Nil Total Alkalinity as CaCO3 mg/l 28.0 Chlorides as Cl mg/l 30. Sulfates as SO4 mg/l 5.0 Total Iron as Fe mg/l BLQ (LOQ=0.01) Silica (Reactive) as SiO2 mg/l 5.80 Carbonate Hardness as CaCO3 mg/l 28.0 Non-Carbonate Hardness as CaCO3 mg/l 4.0 Free Residual Chlorine mg/l BLQ	PARAMETERS UNITS RESULTS Requirement (Acceptable limit) Total Hardness as CaCO3 mg/l 32.0 200 Calcium Hardness as CaCO3 mg/l 9.0 - Magnesium Hardness as CaCO3 mg/l 23.0 - Calcium as Ca mg/l 3.60 75 Magnesium as Mg mg/l 5.52 30 Phenolphthalein Alkalinity as CaCO3 mg/l Nil - Total Alkalinity as CaCO3 mg/l 28.0 200 Chlorides as Cl mg/l 30. 250 Sulfates as SO4 mg/l 5.0 200 Total Iron as Fe mg/l BLQ 0.3 (LOQ=0.01) 5.80 - Silica (Reactive) as SiO2 mg/l 5.80 - Carbonate Hardness as CaCO3 mg/l 4.0 - Free Residual Chlorine mg/l BLQ 0.2	PARAMETERS UNITS RESULTS Requirement (Acceptable limit in the absence of alternate source of on the source of alternate source of alternate source of one of o

** To be applicable only when water is chlorinated.

Q= Below Limit of Quantification; LOQ= Limit of Quantification

Report Opinion: The above submitted water sample complies with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report-



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with respect to the parameters tested.
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Web: www.ekdantlab.co.in

			TEST REPO	KI		
	le Ref No.: EES/W/349/10			Report No.	539/10	
Issue	To: M/s.B.S.A.R. Cresc Vandalur, Chennai-	ent Institute of Scie 300 048.	Report Date : 3 Page: 1 of 1	30.10.202	1	
Samp sto Samp	le Mark RO		Received On : 26.10.2021 Commenced On : 26.10.2021 Completed On : 30.10.2021			
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
	Ti.	MIC	CROBIOLOGICAL E.			
1	Total Coliforms	MPN / 100ml	Absent	Shall not be detecta any100 ml	able in	IS:1622-1981 Amd.4 RA 2012
2	E.coli	MPN / 100ml	Absent	Shall not be detectable in any100 ml		IS:1622-1981 Amd.4 RA 2012

---End of Report----

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012



Timit.

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Web: www.ekdantlab.co.in

			TEST REPO	RT			
	nple Ref No. EES/W/353/10		Report No. : 543/10				
	ued To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600	Institute of Science 048.	Report Date : 30.10.2021 Page: 1 of 2				
Can Js San	nple Description : Water nple Drawn By/ Date : EES / 2 stomer's Reference : Letter Description : RO Water nple Mark : RO Water nple Location : Ladies	Dated on 26,10,202 iter	1	Received On Commenced Completed C	On : 26.10.2021		
History Colores and the property				As Per I	S 10500:2012		
SI. No	PARAMETERS	UNITS	RESULTS	Requireme nt (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 201	
000			Physical Prope	erties			
1	Appearance: When Analyzed After Filtration	-	Clear Clear	124	15)	les.	
2	pH value at 25°C	<u> </u>	6.73	6.5 - 8.5	6.5 – 8.5	4500 H ⁺ B	
3	Color	Hazen	1.0	5	15	2120 B	
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983	
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	118	8	¥1	2510 B	
-			Chemical Prope	erties			
7	Total Suspended Solids	mg/l	BLQ (LOQ=10)	-	Get 5	IS:3025: P.17:1984	
8	Total Dissolved Solids	mg/I	68.0	500	2000	IS 3025 P 16:1984	

---End of Page 1----



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: 543/10 Report No. EES/W/353/10 Sample Ref No.

Report Date : 30.10.2021

				Page: 2 of 2		
					3 10500:2012	
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017
9	Total Hardness as CaCO ₃	mg/l	16.0	200	600	2340 C
10	Calcium Hardness as CaCO ₃	mg/l	5.0	-	15	3500 - Ca B
ed,	Magnesium Hardness as CaCO ₃	mg/l	11.0		7.58	3500 – Mg B
12.	Calcium as Ca	mg/l	2.0	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	2.64	30	100	3500 – Mg B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	-	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	20.0	200	600	2320 B
16	Chlorides as Cl	mg/l	19.0	250	1000	4500 Cl ⁻ B
17	Sulfates as SO ₄	mg/l	4.0	200	400	4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	BLQ (LOQ=0 01)	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	5.40		•	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	16.0	521	2 4	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	Nil		1982	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification

** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

--- End of Report---

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Web: www.ekdantlab.co.in

			TEST REPO			
Sampl	le Ref No. : EES/W/353/10			Report No.	: 543/10	
Issued	To: M/s.B.S.A.R. Cresco Vandalur, Chennal-		Report Date Page: 1 of 1	30.10.202	21	
Samp	le Description Wat le Drawn By/ Date EES mer's Reference Lett le Mark RO le Location Lac	6 / 26.10.2021 er Dated on 26.10.20	<mark>2</mark> 1	Received On Commenced On Completed On	26.10.20 26.10.20 30.10.20	21
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
		MIC	ROBIOLOGICAL E	XAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be dete any100 n	to go a mark to the control of the c	IS:1622-1981 Amd.4 RA 2012
2	E coli	MPN / 100ml	Absent	Shall not be dete	177	IS:1622-1981 Amd.4 RA 2012

MPN- Most Probable Number

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to the parameters tested.

Ref. Decision Rule: EES/QSP/012

-End of Report-



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0	Nagor - 7 - 10 - 10 - 10 - 10 - 10 - 10 - 10		TEST REP	ORT			
	ple Ref No. : EES/W/358/10		Report No. : 548/10				
	ed To: M/s. B.S.A Crescent Ir Vandalur, Chennai-600	nstitute of Scienc 048.	Report Date Page: 1 of 2	: 30.10.2021			
San Cus San	pple Description pple Drawn By/ Date tomer's Reference pple Mark pple Location Water LES / 2 Letter I Lorry V Kolapa	Dated on 26.10.202 Vater	21	Received On Commenced O Completed On	-0.10.2021		
SI.		21000000000	As Per IS	3 10500:2012			
No No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017	
-		4	Physical Pro	perties			
1	Appearance: When Analyzed After Filtration		Slightly Turbid Clear	-	-		
2	pH value at 25°C	17/	7.41	6.5 - 8.5	6.5 - 8.5	4500 H ⁺ B	
3	Color	Hazen	13.0	5	15	2120 B	
4	Odor	3	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983	
5	Turbidity	NTU	0.50	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	2008		124	2510 B	
			Chemical Pro	perties			
7	Total Suspended Solids	mg/l	1.0	•	127	IS:3025: P.17:1984	
8	Total Dissolved Solids	mg/l	1145	500	2000	IS 3025:P 16:1984	

--End of Page 1---

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Sample Ref No. EES/W/358/10 Report No.

548/10

Report Date

30.10.2021

				Page: 2 of 2		
				As Per IS	3 10500:2012	
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017
9	Total Hardness as CaCO ₃	mg/l	760	200	600	2340 C
10	Calcium Hardness as CaCO ₃	mg/l	320	2	2 <u>2</u> 2	3500 - Ca B
11	Magnesium 'Hardness as CaCO ₃	mg/l	440	-	₹•	3500 - Mg B
12	Calcium as Ca	mg/l	128	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	106	30	100	3500 - Mg B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	÷ ,	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	420	200	600	2320 B
16	Chlorides as Cl	mg/l	253	250	1000	4500 CI B
17	Sulfates as SO ₄	mg/l	104	200	400	4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	0.26	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	52.0	<u> </u>	2	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	420	=	-	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	340	7.	n	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B

Q= Below Limit of Quantification; LOQ= Limit of Quantification

---End of Report-

10 SEA CHENNA

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^{**} To be applicable only when water is chlorinated.



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N 1 1 1 1 1	e Ref No. : EES/W/358/10		TEST REPO	Report No. : 548/10		
ssued	To: M/s.B.S.A.R. Cresce Vandalur, Chennai-6	ent Institute of Scien	Report Date : 30.10.202 Page: 1 of 1			
Sampl Istor Sampl	e Description. : Wate e Drawn By/ Date : EES ner's Reference : Lettu e Mark : Lorr	er	Received On : 26.10.2021 Commenced On : 26.10.2021 Completed On : 30.10.2021			
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)	PROTOCOL	
		MIC	CROBIOLOGICAL E	XAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be detectable in any100 ml	IS:1622-1981 Amd 4 RA 2012	
2	E.coli	MPN / 100ml	Absent	Shall not be detectable in any100 ml	IS:1622-1981 Amd.4 RA 201	

----End of Report-



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3. Unless informed by the customer the test items will not be retained for more than 10 days from

the date of issue of test report (exceptional for Microbiology and wastewater for which retaining time 7 days.)



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Sam	ple Ref No.: EES/W/356/10		TEST REPO	Report No.	546/10		
Issu	ed To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600	Institute of Science 048.	Report Date Page: 1 of 2	30.10.2021			
Sam 31 Sam	ple Mark : Lorry W	ated on 26.10.202	1	Received On Commenced O Completed On			
0.	100000000000000000000000000000000000000	ALCOHOL:	As Per IS	3 10500:2012	1		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017	
			erties				
1	Appearance: When Analyzed After Filtration	(2) *	Slightly Turbid Clear	7		e)	
2	pH value at 25°C	354	7.36	6.5 - 8.5	6.5 - 8.5	4500 H ⁺ B	
3	Color	Hazen	10,0	5	15	2120 B	
4	Odor	IF.	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983	
5	Turbidity	NTU	0.10	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	2386	7.0		2510 B	
			Chemical Prop	perties			
30 Y	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	14.	: <u>-</u>	IS:3025: P.17:1984	
8	Total Dissolved Solids	mg/l	1360	500	2000	IS 3025:P.16:1984	

---End of Page 1----

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amp	e Ref No. : EES/W/356/10			Report No. : 546/10 Report Date : 30.10.2021 Page: 2 of 2 As Per IS 10500:2012				
						PROTOCOL:		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	APHA 23 rd Edition 2017		
9	Total Hardness as CaCO ₃	mg/l	830	200	600	2340 C		
10	Calcium Hardness as CaCO ₃	mg/l	400	-	VTA	3500 - Ca B		
11	Magnesium Hardness as CaCO ₃	mg/l	430	51		3500 – Mg ⁻ B		
12	Calcium as Ca	mg/l	160	75	200	3500 - Ca B		
13	Magnesium as Mg	mg/l	103	30	100	3500 – Mg B		
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	-	2320 B		
15	Total Alkalinity as CaCO ₃	mg/l	428	200	600	2320 B		
16	Chlorides as Cl	mg/l	311	250	1000	4500 Cl B		
17	Sulfates as SO ₄	mg/l	130	200	400	4500 SO ₄ ² E		
18	Total Iron as Fe	mg/l	0.18	0.3	0.3	3500 Fe- B		
19	Silica (Reactive) as SiO ₂	mg/l	66.0	2		IS 3025: P.35:1988		
20	Carbonate Hardness as CaCO ₃	mg/l	428	iæ)	÷.	2340 A		
21	Non-Carbonate Hardness as CaCO ₃	mg/l	402	(4)	*	2340 A		
22	Free Residual Chlorine = Below Limit of Quantification; LOQ	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B		

--- End of Report----

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** To be applicable only when water is chlorinated.

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			TEST REP		E 40/40	
Sampl	e Ref No.: EES/W/356/10			Report No.	546/10	
ssuec	To: M/s.B.S.A.R. Cresce Vandalur, Chennal-6		ce & Technology	Report Date Page: 1 of 1	: 30.10.202	1
Sample to	e Description : Wate le Drawn By/ Date : EES mer's Reference : Lett le Mark : Lorr	er	21	Received On 26.10.20 Commenced On 26.10.20 Completed On 30.10.20		1
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
		M	ICROBIOLOGICAL	EXAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be dete any100 r		IS:1622-1981 Amd.4 RA 2012
2	E coli	MPN / 100ml	Absent	Shall not be dete		IS:1622-1981 Amd:4 RA 2012

----End of Report---



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Sample Ref No. : EES/W/356/10

Report No. : 546/10

Report Date : 30.10.2021

Report Opinion: The above submitted water sample does not comply with Permissible limits of drinking water pecification as per IS 10500:2012 with respect to Total Hardness & Magnesium. So it is not recommended for drinking purpose.

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Web: www.ekdantlab.co.in

			TEST REPO	RI		
	nple Ref No. EES/W/352/10		Report No.	542/10		
	led To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600	Institute of Science 048.	Report Date Page: 1 of 2	30.10.2021		
San	nple Description : Water nple Drawn By/ Date : EES / 2 tomer's Reference : Letter D nple Mark : Well W nple Location : Main C	Dated on 26, 10, 202 ater	1	Received On	26.10.2021 n .26.10.2021 .30.10.2021	
O.	5.5	Alacidos	111 The Charles of 12 January	As Per IS	10500:2012	PROTOCOL: APHA 23 rd Edition 2017
SI. No	PARAMETERS	PARAMETERS UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
			Physical Prop	erties		
1	Appearance: When Analyzed After Filtration	-	Slightly Turbid Clear	**	4	<u></u>
2	pH value at 25°C	-	7 06	6.5 - 8.5	6.5 – 8.5	4500 H ⁺ B
3	Color	Hazen	10.0	5	15	2120 B
4	Odor	+	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983
5	Turbidity	NTU	0.20	1	5	2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	1182	17	je je	2510 B
			Chemical Prop	perties		
7	Total Suspended Solids	mg/l	1.0	6	E	IS:3025: P.17:1984
8	Total Dissolved Solids	mg/l	682	500	2000	IS 3025 P.16:1984

---End of Page 1---



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EES/W/352/10 Sample Ref No.

Report No.

542/10

Report Date : 30.10.2021

Page: 2 of 2

				Page; 2 of 2		
			2000	As Per IS	3 10500:2012	
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 201
9	Total Hardness as CaCO ₃	mg/l	348	200	600	2340 C
10	Calcium Hardness as CaCO ₃	mg/l	272	(20)	-	3500 - Ca B
11	Magnesium Hardness as CaCO ₃	mg/l	76.0	(5)		3500 - Mg B
12	Calcium as Ca	mg/l	109	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	18.2	30	100	3500 - Mg B
14	Phenoiphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	*	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	198	200	600	2320 B
16	Chlorides as CI	mg/l	155	250	1000	4500 Cl B
17	Sulfates as SO ₄	mg/l	98.0	200	400	4500 SO ₄ ² · E
18	Total Iron as Fe	mg/l	0.08	0,3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	29.0	H	0 ₹ 1	IS 3025; P.35;1988
20	Carbonate Hardness as CaCO ₃	mg/l	198	3	*	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	150	•	-	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B

2= Below Limit of Quantification; LOQ= Limit of Quantification
** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with permissible limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report---



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Web: www.ekdantlab.co.in

			TEST REPO	RT		
	le Ref No. EES/W/352/10			Report No.	542/10	-
	To: M/s.B.S.A.R. Cresc Vandalur, Chennai-	ent Institute of Scier 300 048.	Table Colonia Colonia	30.10.202	1	
Samp isto Samp	le Mark We	er 5 / 26.10.2021 er Dated on 26.10.20 II Water in Canteen	21	Received On Commenced On	26.10.202 26.10.202 30.10.202	21
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
		MIC	ROBIOLOGICAL E	XAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be detection any 100 ml		IS:1622-1981 Amd.4 RA 2012
2	E.coli	MPN / 100ml	Absent	Shall not be detection		IS:1622-1981 Amd.4 RA 2012

MPN- Most Probable Number

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to the parameters tested.

Ref. Decision Rule: EES/QSP/012

---End of Report----



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			TEST REPO	RT			
Sam	ple Ref No.: EES/W/357/10			Report No.	: 547/10		
	ed To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600	Institute of Science 048.	Report Date : 30.10.2021 Page: 1 of 2				
osm Sam	pple Description Water pple Drawn By/ Date EES / 2 tomer's Reference Letter D tiple Mark Well W tiple Location Man's	oated on 26.10.2021 ater		Received On Commenced O Completed On			
				As Per IS	10500:2012		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 20	
			perties				
1	Appearance: When Analyzed After Filtration	15. 15.	Clear Clear	5	2	a a	
2	pH value at 25°C	*	6.66	6.5 - 8.5	6.5 – 8.5	4500 H ⁺ B	
3	Color	Hazen	5.0	5	15	2120 B	
4	Odor		Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983	
5	Turbidity	NTU	BLQ (LOQ=0.1)	-1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	1440	V <u>B</u> I	÷	2510 B	
			Chemical Proj	perties			
	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	=	-	IS:3025: P.17:1984	
8	Total Dissolved Solids	mg/l	824	500	2000	IS 3025:P.16:1984	

----End of Page 1----



NOTE: 1. Test results shown in this test report relate only to the items tested.

2. This test report shall not be reproduce anywhere except in full and in same format without the Approval of the laboratory



547/10 EES/W/357/10 Report No. Sample Ref No. :

Report Date : 30.10.2021 Page: 2 of 2

				Page: 2 of 2				
		UNITS	RESULTS	As Per IS	3 10500:2012	PROTOCOL: APHA 23 rd Edition 2017		
SI. No	PARAMETERS			Requirement (Acceptable limit)	Permissible limit in the absence of alternate source			
9	Total Hardness as CaCO ₃	mg/l	464	200	600	2340 C		
10	Calcium Hardness as CaCO ₃	mg/l	356	=	Mar. 2	3500 - Ca B		
1.1	Magnesium Hardness as CaCO ₃	mg/l	108	-	=	3500 - Mg B		
12	Calcium as Ca	mg/l	142	75	200	3500 - Ca B		
13	Magnesium as Mg	mg/l	26.0	30	100	3500 - Mg B		
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	(#)	2320 B		
15	Total Alkalinity as CaCO ₃	mg/l	261	200	600	2320 B		
16	Chlorides as Cl	mg/l	186	250	1000	4500 Cl ⁻ B		
17	Sulfates as SO ₄	mg/l	88.0	2.00	400	4500 SO ₄ ² E		
18	Total Iron as Fe	mg/l	0.08	0.3	0.3	3500 Fe- B		
19	Silica (Reactive) as SiO ₂	mg/l	54.0			IS 3025: P.35:1988		
20	Carbonate Hardness as CaCO ₃	mg/I	261	-	i#	2340 A		
21	Non-Carbonate Hardness as CaCO ₃	mg/l	203	-	: •	2340 A		
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B		

Q= Below Limit of Quantification; LOQ= Limit of Quantification

** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with permissible limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report---



NOTE: 1. Test results shown in this test report relate only to the items tested.

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			TEST REPO	RT		
Sampl	e Ref No.: EES/W/357/10		Report No.	: 547/10		
Issued	To: M/s.B.S.A.R. Cresco Vandalur, Chennai-6		Report Date Page: 1 of 1	: 30.10.2021		
Sampl ustor Sampl	e Description : Wat e Drawn By/ Date : EES mer's Reference : Lett e Mark : We e Location : Me	s / 26.10.2021 er Dated on 26.10.20	21	Received On Commenced On Completed On	26.10.20 26.10.20 30.10.20	21
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
		MIC	CROBIOLOGICAL E	XAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be detectable in any 100 ml		IS:1622-1981 Amd.4 RA 2012
2	E.coli	MPN / 100ml	Absent	Shall not be detectable in any100 ml		IS:1622-1981 Amd.4 RA 2012

MPN- Most Probable Number

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to the parameters tested.

Ref. Decision Rule: EES/QSP/012

----End of Report----



Authorized Signatory

NOTE

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			TEST REPO	RT			
Sam	ple Ref No.: EES/W/351/10			Report No.	541/10		
	ed To: M/s.B.S.A.R. Crescent Vandalur, Chennai-600	Institute of Science 048.	Report Date 30.10.2021 Page: 1 of 2				
Sam	pple Description pple Drawn By/ Date comer's Reference pple Mark pple Location Water EES / 2 Letter D Well W Ladies	Dated on 26, 10, 2021 ater		Received On Commenced O Completed On			
				As Per IS	3 10500:2012		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 20	
			perties				
1	Appearance: When Analyzed After Filtration	(<u>€</u>	Clear Clear		-	<u>.</u>	
2	pH value at 25°C	181	7.08	6.5 - 8.5	6.5 - 8.5	4500 H ⁺ B	
3	Color	Hazen	5.0	5	15	2120 B	
4	Odor	181	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983	
5	Turbidity	NTU	BLQ (LOQ=0.1)	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	1335	ğ	7	2510 B	
			Chemical Prop	perties			
<u></u>	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	2	100	IS:3025: P.17:1984	
8	Total Dissolved Solids	mg/l	739	500	2000	IS 3025:P.16:1984	

---End of Page 1----

Authorized Signatory

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EES/W/351/10 Sample Ref No.

Report No. 541/10

Report Date : 30.10.2021

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				Page: 2 of 2		
		UNITS	RESULTS	As Per IS		
SI. No	PARAMETERS			Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017
9	Total Hardness as CaCO ₃	mg/l	396	200	600	2340 C
10	Calcium Hardness as CaCO ₃	mg/l	332	-	×	3500 - Ca B
11	Magnesium Hardness as CaCO ₃	mg/l	64.0	-	-	3500 - Mg B
12	Calcium as Ca	mg/l	133	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	15.30	30	100	3500 – Mg B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	-M	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	257	200	600	2320 B
16	Chlorides as Cl	mg/l	163	250	1000	4500 Cl ⁻ B
17	Sulfates as SO ₄	mg/l	133	200	400	4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	0.03	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	64.0	12/	*	IS 3025. P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	257	34	*	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	139	5 <u>=</u>	-	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 CI B

Q= Below Limit of Quantification; LOQ= Limit of Quantification ** To be applicable only when water is chlorinated.

Report Opinion: The above submitted water sample complies with permissible limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report---



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			TEST REPO	The state of the s	E44/40	
Sample	e Ref No : EES/W/351/10		Report No.	541/10	4	
Issued	To: M/s.B.S.A.R. Cresce Vandalur, Chennai-6	ent Institute of Scien	Report Date Page: 1 of 1	: 30.10.2021		
Sampl stor Sampl	e Description Wate e Drawn By/ Date EES mer's Reference Lette e Mark Wel	er	Received On Commenced On Completed On	: 26.10.2021 : 26.10.2021 : 30.10.2021		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
		MIC	CROBIOLOGICAL E	XAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be dete any 100 r		IS:1622-1981 Amd.4 RA 2012
2	E.coli	MPN / 100ml	Absent	Shall not be det		IS:1622-1981 Amd.4 RA 2012

MPN- Most Probable Number

with respect to the parameters tested. Ref. Decision Rule: EES/QSP/012

---End of Report-

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012



Authorized Signatory

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