



TEST REPORT

Lab No.	091025L-ED	D-011/A	Page No. 1/1			
Customer#		Meters and Instruments Pvt. Ltd.				
		Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#		Ambient Air				
Customer's Descr	ription of Sample#	Ambient Air				
Quantity#		01 No.				
Packing, Marking	s#	Filter Paper Packed in Polythene Pouch.				
Mode of Collectio	n of Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL	01/10/2025			
Date of Receipt o	f Sample	09/10/2025				
Period of Analysis	S	09/10/2025 To 14/10/2025				
Sampling Team		Idma Representative Team	Client	M & I Pvt. Ltd.		
Sampling Location	n#	Back Gate of Plant.				
Visual Observatio	n	N/A				
Date of Sampling		08/10/2025				
Date of Reporting		14/10/2025				
Sampling Protoco	ol	NAAQMS/36/2012-13 USEPA:2013				
Testing Protocol		NAAQS				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	a	=	-	-
1	PM 10	μg/m³	79.5	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m³	37.4	Max. 60	IDL/SP/03, Issue No-1
3	SO2	μg/m³	14.2	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m³	17.9	Max. 80	IS 5182 (Part 6)

[#] Represents details provided by the customer.



Idma Corporate Park,

391, Industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website: www.idmagroup.co.in

Email: commercial@idmalab.co.in

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TEST REPORT

Lab No.	091025L-E	D-011/B		Page No. 1/1		
Customer#		Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#		Ambient Air				
Customer's Descri	ption of Sample#	Ambient Air				
Quantity#		01 No.				
Packing, Markings	#	Filter Paper Packed in Polythene Pouch.				
Mode of Collection	of Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL	Date	d 01/10/2025		
Date of Receipt of	Sample	09/10/2025				
Period of Analysis		09/10/2025 To 14/10/2025				
Sampling Team		Idma Representative Team	Clien	t M&IPvt. Ltd.		
Sampling Location	‡	Back Gate of Plant.				
Visual Observation		N/A				
Date of Sampling		08/10/2025				
Date of Reporting		14/10/2025				
Sampling Protocol		NAAQMS/36/2012-13 USEPA:2013				
Testing Protocol		NAAQS				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	со	mg/m³	0.61	Max. 02	IS 5182 (Part 10)

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TEST REPORT

Lab No.	091025L-E	0-012			Page No. 1/1	
Customer#		Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#		Noise Level (Ambient)				
Customer's Description	n of Sample#	Noise Level (Ambient)				
Quantity#		01 No.				
Packing, Markings#		Instrument at Site.				
Mode of Collection of S	Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL	T	Dated	01/10/2025	
Date of Receipt of San	nple	09/10/2025				
Period of Analysis		09/10/2025 To 13/10/2025				
Sampling Team		Idma Representative Team		Client	M & I Pvt.Ltd.	
Sampling Location#		Main Area.				
Visual Observation		N/A				
Date of Sampling		08/10/2025				
Date of Reporting 13/10/2025						
Sampling Protocol		CPCB PROTOCOL:2015				
Testing Protocol		СРСВ				

RESULTS

122 1710					T
S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	60.7	Max 75	CPCB PROTOCOL July 2015.
2	LNight	dB(A)	55.3	Max 70	CPCB PROTOCOL July 2015.

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TEST REPORT

Lab No.	091025L-ED	0-013		Page No. 1/1		
Customer#	•	Meters and Instruments Pvt. Ltd.				
		Plot No. 143-A Industrial Area, Phase -1 Chan	idigarh Chandigarh			
Type of Sample#		Noise Level (Ambient)				
Customer's Descr	ription of Sample#	Noise Level (Ambient)				
Quantity#		01 No.				
Packing, Marking	s#	Instrument at Site.				
Mode of Collection	on of Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL	Dated	01/10/2025		
Date of Receipt of	of Sample	09/10/2025				
Period of Analysis	s	09/10/2025 To 14/10/2025				
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.		
Sampling Locatio	n#	Outside of Office (Coridoor)				
Visual Observation	on	N/A				
Date of Sampling		08/10/2025				
Date of Reporting 14/10/2025						
Sampling Protoco	ol	CPCB PROTOCOL:2015				
Testing Protocol		CPCB				

RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-		-
1	Lday	dB(A)	64.7	Max 75	CPCB PROTOCOL July 2015.
2	LNight	dB(A)	50.9	Max 70	CPCB PROTOCOL July 2015.

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TEST REPORT

Lab No.	091025L-ED)-()14		Dago No. 1/1		
Customer#		Page No. 1/1 Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#		Waste Water(STP Inlet)				
Customer's Descr	iption of Sample#	Waste Water(STP Inlet)				
Quantity#		5 Ltr.				
Packing, Marking:	s. Seal & Quantity#	Plastic Can.				
Mode of Collection	n of Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL Dated 01/10/2025				
Date of Receipt of	f Sample	09/10/2025				
Period of Analysis	3	09/10/2025 To 15/10/2025				
Sampling Team Id	ima	Idma Representative Team	Client	M & I Pvt.Ltd.		
Sampling Location	n#	STP Plant.				
Visual Observatio	n	N/A				
Date of Sampling		08/10/2025				
Date of Reporting		15/10/2025				
Sampling Protoco		APHA 1060 B & C 24th Edition				
Testing Protocol						

RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	CHEMICAL TESTING (Waste Water)	-		-
	рН	-	7.92	IS 3025 (Part 11)
	Chemical Oxygen Demand (COD)	mg/L	178.4	IS 3025 (Part 58)
3	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	38	IS 3025 (Part 44)
4	Oil & Grease	mg/L	4.9	IS 3025 (Part 39)
5	Total Dissolved Solids (TDS)	mg/L	763	IS 3025 (Part 16)
6	Total Suspended Solids (TSS)	mg/L	47	IS 3025 (Part 17)

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TEST REPORT

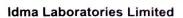
Lab No.	091025L-ED	0-015		Dogo No. 1/4		
Customer#		Page No. 1. Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#	1	Waste Water(STP Outlet)				
Customer's Desc	ription of Sample#	Waste Water(STP Outlet)				
Quantity#		5 Ltr.				
Packing, Marking	js#	Plastic Can.				
Mode of Collection	on of Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL Dated 01/10/2025				
Date of Receipt of	of Sample	09/10/2025	Dated	01/10/2023		
Period of Analysi	is	09/10/2025 To 15/10/2025				
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.		
Sampling Location	on#	STP Plant.				
Visual Observation	on	N/A				
Date of Sampling	3	08/10/2025				
Date of Reporting	9	15/10/2025				
Sampling Protoc	ol	APHA 1060 B & C 24th Edition				
Testing Protocol		СРСВ				

RESULTS

				COLIO	
S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Waste Water)	-	-	-	-
1	рН	-	7.52	6.5-9.0	IS 3025 (Part 11)
2	Chemical Oxygen Demand (COD)	mg/L	104	-	IS 3025 (Part 58)
3	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	14	Max. 20	IS 3025 (Part 44)
4	Oil & Grease	mg/L	2.9	-	IS 3025 (Part 39)
5	Total Dissolved Solids (TDS)	mg/L	602	-	IS 3025 (Part 16)
6	Total Suspended Solids (TSS)	mg/L	21	Max. 50	IS 3025 (Part 17)

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End of Report



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TEST REPORT

Lab No.	091025L-E	0-016		Page No. 1/2		
Customer#		Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#		Stack Emission (DG)				
Customer's Desc	ription of Sample#	Stack Emission (DG)				
Quantity#		1 No.				
Packing, Marking	ıs#	Thimble Packed in Polythene Pouch				
Mode of Collection of Sample		Sampling by Laboratory				
Work Order No.#		E-MAIL	Dated	01/10/2025		
Date of Receipt of	of Sample	09/10/2025				
Period of Analysi	s	09/10/2025 To 15/10/2025				
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.		
Sampling Locatio	n#	Stack Attached to cummins 1010 KVA.				
Visual Observation	on	N/A				
Date of Sampling		08/10/2025				
Date of Reporting		15/10/2025				
Sampling Protocol		LATS/80/2013-14 USEPA:2013				
Testing Protocol		CPCB				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION):	-	-	-	
	STACK MONITORING -GENERAL INFORMATIONS:	-	-	-	
1	Stack Height	Meters	30		-
2	Stack Diameter	Meters	0.305	-	-
3	Ambient Temperature	°C	30	-	-
4	Stack Temperature	°C	108	-	-
5	Velocity	m/s	12.3	-	-
6	Type of Fuel	-	HSD	-	-

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TEST REPORT

		091025L-ED-01	6			Page No. 2/2
Lab I	No.	091025L-ED-01			Specifications	Test Method
S.No.	Test Parameter		Units	Results	Specifications	Took mounts
7	Sampling Flow rate		LPM	24	-	-
1			Minutes	31	-	-
8	Sampling Time			2492.8	-	-
9	Volumetric Flow ra	ite	Nm³/hr	2492.0	_	-
	PARAMETERS:			-		- (1055/D (1)
			mg/Nm³	43.4	Max.75.0	IS:11255(Part -1)
10	PM			69.1	Max. 150	IS:13270
11	co		mg/Nm³	100000000000000000000000000000000000000		IS: 11255(Part -7)
100000	NOv		ppmv	115.3	Max. 710	
12	NOx		mg/Nm³	29.5	-	IS: 11255(Part -2)
13	SO2		mg/mm			

Represents details provided by the customer

End of Report



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TEST REPORT

Lab No.	091025L-ED	0-017/A	017/A Page N				
Customer#		Meters and Instruments Pvt. Ltd.					
		Plot No. 143-A Industrial Area, Phase -1 Chan	digarh Chandigarh				
Type of Sample#		Stack Emission (DG)					
Customer's Description	on of Sample#	Stack Emission (DG)					
Quantity#		1 No					
Packing, Markings#		Thimble Packed in Polythene Pouch					
Mode of Collection of Sample		Sampling by Laboratory					
Work Order No.#		E-MAIL	Dated	01/10/2025			
Date of Receipt of Sa	ample	09/10/2025					
Period of Analysis		09/10/2025 To 15/10/2025					
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.			
Sampling Location#		Stack Attached to DG Cummins 500 KVA.					
Visual Observation		N/A					
Date of Sampling		08/10/2025					
Date of Reporting		15/10/2025					
Sampling Protocol		LATS/80/2013-14 USEPA:2013					
Testing Protocol		CPCB					

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
0.110.	Took a a a more				
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION):	-	4	-	
	STACK MONITORING -GENERAL INFORMATIONS:	-	-	-	
1	Stack Height	Meters	30.0	-	-
2	Stack Diameter	Meters	0.305	-	-
3	Ambient Temperature	°C	30	-	-
4	Stack Temperature	°C	112	-	-
5	Velocity	m/s	13.0	-	-
6	Type of Fuel	-	HSD	-	-

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TEST REPORT

Lab No . 091025L-EI		091025L-ED-017/A	017/A				
S.No.	Test Parameter	Units	Results	Specifications	Test Method		
7	Sampling Flow rate	LPM	25	-	-		
8	Sampling Time	Minutes	29	-	-		
9	Volumetric Flow ra	te Nm³/hr	2634.7	-	-		
	PARAMETERS:	-	-	-	-		
10	PM	g/kW-hr	0.10	Max. 0.2	IS:11255(Part -1)		
11	co	g/kW-hr	0.98	Max. 3.5	IS:13270		
12	SO2	g/kW-hr	1.41	-	IS: 11255(Part -2)		

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Type of Sample#		Stack Emission (DG)					
Customer's Desc	ription of Sample#	Stack Emission (DG)					
Quantity#		1 No					
Packing, Marking	gs#	Thimble Packed in Polythene Pouch					
Mode of Collection	on of Sample	Sampling by Laboratory					
Work Order No.#		E-MAIL	Dated	01/10/2025			
Date of Receipt of	of Sample	09/10/2025					
Period of Analysi	is	09/10/2025 To 15/10/2025					
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.			
Sampling Location	on#	Stack Attached to DG Cummins 500 KVA.					
Visual Observation	on	N/A					
Date of Sampling		08/10/2025					
Date of Reporting		15/10/2025					
Sampling Protocol		LATS/80/2013-14 USEPA:2013					
Testing Protocol		CPCB					

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	NOx+HC	g/kW-hr	2.2	Max. 4.0	IS: 11255(Part -7)

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End of Report



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391, Industrial Area, Phase - 1,

Panchkula - 134113,

Idma Corporate Park,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website: www.idmagroup.co.in

Email: commercial@idmalab.co.in

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TEST REPORT

Lab No.	091025L-ED	0-018		Page No. 1/1			
Customer#	•	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh					
Type of Sample#		Noise Level D.G.					
Customer's Descr	ription of Sample#	Noise Level D.G.					
Quantity#		01 No.					
Packing, Marking	s#	Instrument at Site.					
Mode of Collectio	n of Sample	Sampling by Laboratory					
Work Order No.#		E-MAIL	Dated	01/10/2025			
Date of Receipt o	of Sample	09/10/2025		•			
Period of Analysis	s	09/10/2025 To 13/10/2025					
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.			
Sampling Locatio	n#	DG Noise Cummins 1010 KVA.					
Visual Observation	on	N/A					
Date of Sampling	I	08/10/2025					
Date of Reporting	9	13/10/2025					
Sampling Protoco	ol	CPCB PROTOCOL:2015					
Testing Protocol		CPCB					

RESULTS

S.No.	Test Parameter	Units	Result	Specifications	Test Method
	CHEMICAL DISCIPLINE (Source Noise Levels)	-	-	-	-
1	1.0 m from the enclosure surface	dB(A)	72.6	Max. 75.0	CPCB PROTOCOL JULY 2015
2	0.5 m surface acoustic enclosure when door are open	dB (A)	102.6		CPCB PROTOCOL JULY 2015
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	76.9		CPCB PROTOCOL JULY 2015
4	Insertion Loss	dB (A)	25.7	Min. 25	CPCB PROTOCOL JULY 2015

Represents details provided by the customer.

End of Report





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TEST REPORT

Lab No.	091025L-ED					
Customer#	•	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#		Noise Level D.G.				
Customer's Desc	ription of Sample#	Noise Level D.G.				
Quantity#		01 No.				
Packing, Marking	js#	Instrument at Site.				
Mode of Collection	on of Sample	Sampling by Laboratory				
Work Order No.#		E-MAIL	ed 01/10/2025			
Date of Receipt of	of Sample	09/10/2025				
Period of Analysi	s	09/10/2025 To 13/10/2025				
Sampling Team		Idma Representative Team	Clie	nt M&IPvt.Ltd.		
Sampling Location	n#	DG Noise Cummins 500KVA.				
Visual Observation	on	N/A				
Date of Sampling)	08/10/2025				
Date of Reporting	g	13/10/2025				
Sampling Protoco	ol	CPCB PROTOCOL:2015				
Testing Protocol		CPCB				

RESULTS

S.No.	Test Parameter	Units	Result	Specifications	Test Method
	CHEMICAL DISCIPLINE (Source Noise Levels)	-	-	-	-
1	1.0 m from the enclosure surface	dB(A)	71.4	Max. 75.0	CPCB PROTOCOL JULY 2015
_	0.5 m surface acoustic enclosure when door are open	dB (A)	103.9		CPCB PROTOCOL JULY 2015
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	78.4		CPCB PROTOCOL JULY 2015
4	Insertion Loss	dB (A)	25.5	Min. 25	CPCB PROTOCOL JULY 2015

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End of Report



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TEST REPORT

Lab No.	091025L-ED	D-020/A	Page No. 1/1				
Customer#		Meters and Instruments Pvt. Ltd.					
		Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh					
Type of Sample#		Work Zone Air					
Customer's Desc	ription of Sample#	Work Zone Air					
Quantity#		01 No.					
Packing, Marking	s#	Filter Paper Packed in Polythene Bag.					
Mode of Collection		Sampling by Laboratory					
Work Order No.#		E-MAIL	Dated	01/10/2025			
Date of Receipt of	of Sample	09/10/2025					
Period of Analysis	s	09/10/2025 To 15/10/2025					
Sampling Team		Idma Representative Team Client M & I Pvt.L					
Sampling Locatio	n#	Main Office Area.					
Visual Observation	on	N/A					
Date of Sampling		08/10/2025					
Date of Reporting)	15/10/2025					
Sampling Protoco	ol	ILL/SOP/ENV/WZ/01:2020					
Testing Protocol		OSHA					

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Work Zone)				
1	PM 2.5	µg/m³	38.4	-	IDL/SP/03 Issue No. 1
2	PM10	μg/m³	76.4	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO2)	mg/m³	0.016	Max 13	NIOSH METHOD: 6004
	Nitrogen Dioxide (NO2)	mg/m³	0.025	Max 09	NIOSH METHOD: 6014

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TEST REPORT

Lab No . 091025L-ED		D-020/B	Page No. 1/				
Customer#		Meters and Instruments Pvt. Ltd.					
		Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh					
Type of Sample#		Work Zone Air					
Customer's Descri	iption of Sample#	Work Zone Air					
Quantity#		01 No.					
Packing, Markings	s#	Filter Paper Packed in Polythene Bag.					
Mode of Collection	n of Sample	Sampling by Laboratory					
Work Order No.#		E-MAIL	01/10/2025				
Date of Receipt of	f Sample	09/10/2025					
Period of Analysis	3	09/10/2025 To 15/10/2025					
Sampling Team		Idma Representative Team	Client	M & I Pvt.Ltd.			
Sampling Location	n#	Main Office Area.					
Visual Observatio	n	N/A					
Date of Sampling		08/10/2025					
Date of Reporting		15/10/2025					
Sampling Protoco	ol	ILL/SOP/ENV/WZ/01:2020					
Testing Protocol		OSHA					

RESULTS

S.No.	. Test Parameter	Units	Results	Specifications	Test Method
1	Carbon Monoxide (CO)	ppm	0.43	Max 50	NIOSH METHOD:6604

Represents details provided by the customer.

End of Report



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TEST REPORT

ULR: TC820725700009002F

Lab No.	091025L-FD-00	2		Page No. 1/2		
Customer#		Meters & Instruments Pvt. Limited				
		Plot No. 143-A Industrial Area Phase- 1, Chandigarh Cand	ligarh			
Type of Sample#	ŧ	Borewell Water				
Customer's Desc	cription of Sample#	Borewell Water				
Quantity#		5 Ltr				
Packing, Marking	gs, Seal & Quantity#	Plastic Can , Loc - Front Side of Mall				
Mode of Collecti	on of Sample	Sample Collected by Idma Lab Person				
Work Order No.#	ŧ	NIL	Dated	08/10/2025		
Date of Receipt	of Sample	09/10/2025				
Period of Analys	is	09/10/2025 To 16/10/2025				
Visual Observati	on	N/A				
Date of Reportin	g	16/10/2025				
Testing Protocol		IS 10500:2012 Amdt 1 to 4				

RESULTS

S.No.	Test Parameter	Units	Results	Requi	rements	Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	1-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4): 2021
2	рН	-	8.09	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
3	Calcium (as Ca)	mg/L	65.06	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
4	Chloride (as Cl)	mg/L	21.99	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
5	Fluoride (as F)	mg/L	0.3	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
6	Sulphate (as SO4)	mg/L	6.57	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1): 2022
7	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
8	Taste	1.5	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
9	Free Residual chlorine	mg/L	BLQ (LOQ- 0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26): 2021
	Biological Testing (Water)		-			
10	E. coli	/100ml	Absent	Shall not be		IS 15185: 2016

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TEST REPORT

ULR: TC820725700009002F

Lab N	lo.	091025	L-FD-002				Page No. 2/2	
S.No. Test Para		neter	Units	Results	Requi	rements	Te	st Methods
					Acceptable Limit (Max)	Permissible Limit (Max)		
10					detectable in			
					any 100ml			
					sample			
11	Total Coliform Ba	acteria	/100ml	Absent	Shall not be		IS 15185: 2016	
					detectable in			
					any 100ml			
					sample			

Opinion:

Remarks:- The Test report pertains to the sample, as collected by the IDMA lab person from the customer premises and the result related only to the tested sample. BLQ:- Below limit of quantification, LOQ:- Limit of quantification.

Represents details provided by the customer.

End of Report

Reviewed by

Authorised signatory

Idma Laboratories Limited

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