



|| Shreeji ||

SHREEJI AQUA TREATMENT PVT. LTD.

Innovative Environmental Solutions Under One Roof

Accredited by NABL as per ISO/IEC 17025:2017

Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi

● ENVIRONMENT ● FOOD ● ANIMAL FOOD & FEED ● MICROBIOLOGY

Laboratory Recognized by Ministry of Environment, Forest & Climate Change, Govt. of India & NABL Valid Up to 13/06/2026.

Test Report No.	SATPL/25-26/03/MAAM/040,10BU,18AE,24BH,32AI,38P,46Av,52R,60a	T.R. Date	03/04/2026
Customer Name and Address	M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Sampling Done By	SATPL Representative	Page No.	1 of 1
Month of Sampling	March -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Bandoli Village		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	33.5	Average Wind Speed (km/hr)	2.4
Average Relative Humidity [%]	58	Average Wind direction(Deg)	152

ANALYSIS REPORT :-

Sr. No.	Report No.	Date of Sampling	Parameters			
			PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1	SATPL/25-26/03/MAAM/040	02/03/2026	63.41	31.60	9.12	16.85
2	SATPL/25-26/03/MAAM/10BU	05/03/2026	61.20	29.94	11.07	19.05
3	SATPL/25-26/03/MAAM/18AE	09/03/2026	59.37	27.03	11.72	15.96
4	SATPL/25-26/03/MAAM/24BH	12/03/2026	61.89	24.53	10.42	19.28
5	SATPL/25-26/03/MAAM/32AI	16/03/2026	58.74	28.69	7.81	18.29
6	SATPL/25-26/03/MAAM/38P	19/03/2026	60.63	26.20	11.07	16.85
7	SATPL/25-26/03/MAAM/46Av	23/03/2026	57.47	24.95	8.46	20.74
8	SATPL/25-26/03/MAAM/52R	26/03/2026	63.79	31.60	11.07	19.05
9	SATPL/25-26/03/MAAM/60a	30/03/2026	54.95	25.37	10.42	17.36
NAAQS Limits*			100	60	80	80

*N.A.A.Q.S. - National Ambient Air Quality Standards

Analysis Method: PM₁₀& PM_{2.5} - NAAQMS/36/2012-2013 Volume 1, SO₂ - IS 5182 (Part II) 2022 & NO₂ - IS 5182 (Part VI) 2017

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
160504059	Ambient Air Sampler-1	SATPL/AR/AAS-02/122	26021101-22	20.02.2026	19.02.2027
D307534576	Weighing Balance	SATPL/WT/WL/06	FSC/2602/1601/008	17.02.2026	16.02.2027
1366-DTG-2013	Fine Particulate Sampler 01 Dry Gas meter	SATPL/AR/FPS-01/89/DGM	26021101-02	19.02.2026	18.02.2027
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.

Shreeji

Managing Director
Authorized Signatory

-----End of Test Report-----

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

Customer Care No.: +919225247365 Email: info@shreejiaqua.com Web: www.shreejiaqua.com

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Test Report No.	SATPL/25-26/03/MAAM/04P, 10BV, 18AF, 24BI, 32AJ, 38Q, 46Aw, 52S, 60b	T.R. Date	03/04/2026
Customer Name and Address	M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Sampling Done By	SATPL Representative	Page No.	1 of 1
Month of Sampling	March -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Santona Village		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	33.5	Average Wind Speed (km/hr)	2.4
Average Relative Humidity [%]	58	Average Wind direction(Deg)	152

ANALYSIS REPORT :-

Sr. No.	Report No.	Date of Sampling	Parameters			
			PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1	SATPL/25-26/03/MAAM/04P	02/03/2026	60.79	29.11	10.42	15.99
2	SATPL/25-26/03/MAAM/10BV	05/03/2026	58.90	26.20	12.37	20.90
3	SATPL/25-26/03/MAAM/18AF	09/03/2026	62.56	31.60	7.81	19.15
4	SATPL/25-26/03/MAAM/24BI	12/03/2026	56.69	26.61	11.72	17.36
5	SATPL/25-26/03/MAAM/32AJ	16/03/2026	62.37	29.52	9.12	16.73
6	SATPL/25-26/03/MAAM/38Q	19/03/2026	55.36	23.29	7.81	18.57
7	SATPL/25-26/03/MAAM/46Aw	23/03/2026	61.74	30.77	9.77	17.36
8	SATPL/25-26/03/MAAM/52S	26/03/2026	59.46	29.11	11.72	17.04
9	SATPL/25-26/03/MAAM/60b	30/03/2026	56.94	27.03	9.12	14.91
NAAQS Limits*			100	60	80	80

*N.A.A.Q.S. - National Ambient Air Quality Standards

Analysis Method: PM₁₀ & PM_{2.5} - NAAQMS/36/2012-2013 Volume 1, SO₂ - IS 5182 (Part II) 2022 & NO₂ - IS 5182 (Part VI) 2017

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
201204156	Ambient Air Sampler-3	SATPL/AR/AAS-02/124	26021101-24	20.02.2026	19.02.2027
D307534576	Weighing Balance	SATPL/WT/WL/06	FSC/2602/1601/008	17.02.2026	16.02.2027
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
T-1175	RDS (PM 10)	SATPL/AIR/RDS/01/88	26021101-01	19.02.2026	18.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.

S. J. Menh

Managing Director
Authorized Signatory

-----End of Test Report-----

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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Test Report No.	SATPL/25-26/03/MAAM/04Q, 10BW, 18AG, 24BJ, 32AK, 38R, 46Ax, 52T, 60c	T.R. Date	03/04/2026
Customer Name and Address	M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Sampling Done By	SATPL Representative	Page No.	1 of 1
Month of Sampling	March -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Core Zone - Upwind (Near Mine Office)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	33.5	Average Wind Speed (km/hr)	2.4
Average Relative Humidity [%]	58	Average Wind direction(Deg)	152

ANALYSIS REPORT :-

Sr. No.	Report No.	Date of Sampling	Parameters			
			PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1	SATPL/25-26/03/MAAM/04Q	02/03/2026	58.26	27.45	7.81	19.18
2	SATPL/25-26/03/MAAM/10BW	05/03/2026	60.35	30.36	10.42	12.81
3	SATPL/25-26/03/MAAM/18AG	09/03/2026	54.03	24.53	11.07	15.36
4	SATPL/25-26/03/MAAM/24BJ	12/03/2026	59.72	28.28	8.46	18.54
5	SATPL/25-26/03/MAAM/32AK	16/03/2026	61.61	31.19	12.37	16.53
6	SATPL/25-26/03/MAAM/38R	19/03/2026	52.77	24.53	10.42	12.81
7	SATPL/25-26/03/MAAM/46Ax	23/03/2026	62.43	31.60	13.02	14.72
8	SATPL/25-26/03/MAAM/52T	26/03/2026	50.44	24.53	7.81	21.09
9	SATPL/25-26/03/MAAM/60c	30/03/2026	58.74	29.11	12.37	14.72
NAAQS Limits*			100	60	80	80

*N.A.A.Q.S. - National Ambient Air Quality Standards

Analysis Method: PM₁₀ & PM_{2.5} - NAAQMS/36/2012-2013 Volume 1, SO₂ - IS 5182 (Part II) 2022 & NO₂ - IS 5182 (Part VI) 2017

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
210804182	Ambient Air Sampler-2	SATPL/AR/AAS-02/123	26021101-20	20.02.2026	19.02.2027
D307534576	Weighing Balance	SATPL/WT/WL/06	FSC/2602/1601/008	17.02.2026	16.02.2027
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB-01/144	FSC/2602/1601/073	17.02.2026	16.02.2027
1211-DTG-2013	Gaseous Attachment Sample	SATPL/AR/RDS 01-/88/ GSA	26021101-02	19.02.2026	18.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV/30	----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.

Sumehz

Managing Director
Authorized Signatory

-----End of Test Report-----

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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Test Report No.	SATPL/25-26/03/MAAM/04R, 10BX, 18AH, 24BK, 32AL, 38S, 46Ay, 52U, 60d	T.R. Date	03/04/2026
Customer Name and Address	M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Sampling Done By	SATPL Representative	Page No.	1 of 1
Month of Sampling	March -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Core Zone - Downwind (Near Habitation)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	33.5	Average Wind Speed (km/hr)	2.4
Average Relative Humidity [%]	58	Average Wind direction(Deg)	152

ANALYSIS REPORT :-

Sr. No.	Report No.	Date of Sampling	Parameters			
			PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1	SATPL/25-26/03/MAAM/04R	02/03/2026	55.74	24.95	9.12	17.91
2	SATPL/25-26/03/MAAM/10BX	05/03/2026	57.63	25.78	8.46	21.09
3	SATPL/25-26/03/MAAM/18AH	09/03/2026	61.42	29.52	12.37	19.50
4	SATPL/25-26/03/MAAM/24BK	12/03/2026	53.21	23.70	13.02	13.13
5	SATPL/25-26/03/MAAM/32AL	16/03/2026	50.69	22.87	9.12	18.86
6	SATPL/25-26/03/MAAM/38S	19/03/2026	58.52	27.86	11.72	17.27
7	SATPL/25-26/03/MAAM/46Ay	23/03/2026	54.10	25.78	10.42	18.54
8	SATPL/25-26/03/MAAM/52U	26/03/2026	61.04	29.52	9.12	15.36
9	SATPL/25-26/03/MAAM/60d	30/03/2026	55.68	26.20	8.46	18.54
NAAQS Limits*			100	60	80	80

*N.A.A.Q.S. - National Ambient Air Quality Standards

Analysis Method: PM₁₀ & PM_{2.5} - NAAQMS/36/2012-2013 Volume 1, SO₂ - IS 5182 (Part II) 2022 & NO₂ - IS 5182 (Part VI) 2017

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
D307534576	Weighing Balance	SATPL/WT/WL/06	FSC/2602/1601/008	17.02.2026	16.02.2027
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB-01/144	FSC/2602/1601/073	17.02.2026	16.02.2027
211004186	Ambient Air Sampler-10	SATPL/AR/AAS-10/131	26021101-21	19.02.2026	18.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV/30	----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

-----End of Test Report-----

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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Test Report No.	SATPL/25-26/03/MAAM/04S, 10BY, 18AI, 24BL, 32AM, 38T, 46Az, 52V, 60e	T.R. Date	03/04/2026
Customer Name and Address	M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Sampling Done By	SATPL Representative	Page No.	1 of 1
Month of Sampling	March -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Core Zone – Downwind (On Dump)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	33.5	Average Wind Speed (km/hr)	2.4
Average Relative Humidity [%]	58	Average Wind direction(Deg)	152

ANALYSIS REPORT :-

Sr. No.	Report No.	Date of Sampling	Parameters			
			PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1	SATPL/25-26/03/MAAM/04S	02/03/2026	62.05	30.36	11.07	16.63
2	SATPL/25-26/03/MAAM/10BY	05/03/2026	58.26	28.28	9.77	18.54
3	SATPL/25-26/03/MAAM/18AI	09/03/2026	56.12	26.20	7.81	17.59
4	SATPL/25-26/03/MAAM/24BL	12/03/2026	61.17	29.11	9.12	20.14
5	SATPL/25-26/03/MAAM/32AM	16/03/2026	56.75	27.45	11.07	13.76
6	SATPL/25-26/03/MAAM/38T	19/03/2026	55.61	25.78	7.81	20.14
7	SATPL/25-26/03/MAAM/46Az	23/03/2026	59.53	28.28	12.37	16.95
8	SATPL/25-26/03/MAAM/52V	26/03/2026	55.11	25.37	10.42	19.50
9	SATPL/25-26/03/MAAM/60e	30/03/2026	60.73	30.36	13.67	21.73
NAAQS Limits*			100	60	80	80

*N.A.A.Q.S. – National Ambient Air Quality Standards

Analysis Method: PM₁₀ & PM_{2.5} - NAAQMS/36/2012-2013 Volume 1, SO₂ - IS 5182 (Part II) 2022 & NO₂ - IS 5182 (Part VI) 2017

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
D307534576	Weighing Balance	SATPL/WT/WL/06	FSC/2602/1601/008	17.02.2026	16.02.2027
211004187	Ambient Air Sampler-5	SATPL/AR/AAS-06/127	26021101-23	19.02.2026	18.02.2027
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	NA

For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

-----End of Test Report-----

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TC-13877

Laboratory Recognized by Ministry of Environment, Forest & Climate Change, Govt. of India & NABL Valid Up to 13/06/2026.

ULR No.: TC138772500014226F

TEST REPORT

Lab Inward No. SATPL/25-26/03/MAAM/12AT	Date of Sampling : 05-06/03/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of Analysis : 06/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	End of Analysis : 10/03/2026
	Report Date : 10/03/2026
	Sample Drawn By : SATPL Team on 05-06/03/2026
Order / Reference : As per TRF dated 05/03/2026	
Monitoring For : Ambient Air Monitoring	
Sampling Procedure : As per IS 5182	
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009	
Sampling Location : Bandoli Village	
Duration : 24 Hrs.	Time : 10:10 am to 10:10 am
Ambient Temperature [°C]: 33.5	Relative Humidity [%]: 58

RESULTS

Sr. No.	Parameters	Results	Limits	Unit	Reference Method
1	Sulphur Dioxide (SO ₂)	11.07	≤ 80	µg/m ³	IS 5182(Part-2)2001 R 2022
2	Nitrogen Dioxide (NO ₂)	19.05	≤ 80	µg/m ³	IS 5182(Part-6)2006 R 2017
3	Particulate Matter PM ₁₀	61.20	≤ 100	µg/m ³	IS 5182 (Part 23)2006 R 2022
4	Particulate Matter PM _{2.5}	29.94	≤ 60	µg/m ³	IS 5182 (Part 24):2019
5	Ozone (O ₃)	<20.0	≤ 180(1 hr.)	µg/m ³	IS 5182(Part-9): R2019
6	Ammonia (NH ₃)	11.60	≤ 400	µg/m ³	IS 5182(Part 25):2018

Remark: Reference to above mentioned monitoring report all the parameters are within the limits.

Disclaimer: 'Information is supplied by customers represented in italic font'

For Shreeji Aqua Treatment Pvt. Ltd.



Sumeet

Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested. Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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Laboratory Recognized by Ministry of Environment, Forest & Climate Change, Govt. of India & NABL Valid Up to 13/06/2026.

TEST REPORT

Lab Inward No. : SATPL/25-26/03/MAAM/12AT	Date of Sampling : 05-06/03/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of Analysis : 06/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	End of Analysis : 10/03/2026
	Report Date : 10/03/2026
	Sample Drawn By : SATPL Team on 05-06/03/2026
Order / Reference: As per TRF dated 05/03/2026	
Monitoring For: Ambient Air Monitoring	
Sampling Procedure: As per IS 5182	
Limits: National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009	
Sampling Location: Bandoli Village	
Duration : 24 Hrs.	Time : 10:10 am to 10:10 am
Ambient Temperature [OC]: 33.5	Relative Humidity [%]: 58

RESULTS

Sr. No.	Parameters	Results	Limits	Unit	Reference Method
7	Carbon Monoxide (CO)	0.42	≤ 04(1 hr.)	mg/m ³	IS 5182(Part-10):1999 R2019
8	Lead as (Pb)	<0.01	≤ 1.0	μg/m ³	IS 5182(Part-22):2004 R2019
9	Benzene (C ₆ H ₆)	<0.1	≤ 05	μg/m ³	IS 5182 (Part 11):2006 R2022
10	Benzo(a)Pyrene (BaP)	<1.0	≤ 01	ng/m ³	IS 5182(Part-12):2004 R2019
11	Arsenic (As)	<1.0	≤ 06	ng/m ³	CPCB Guidelines Volume-1:2012
12	Nickel (Ni)	<0.5	≤ 20	ng/m ³	IS 5182(Part-26):2020

Remark: Reference to above mentioned monitoring report all the parameter are within the limits.

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EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
160504060	Ambient air sampler-2	SATPL/AR/AAS-02/123	25031301/06	18.03.2025	17.03.2026
Q886998	CO Meter	SATPL/AR/COM /13	ATS-2024-25/101	19.03.2025	18.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	
2074	Inductive coupled plasma	SATPL/WT/ICP /29	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

Customer Care No.: +919225247365 Email: info@shreejiaqua.com Web: www.shreejiaqua.com

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TC-13877

Laboratory Recognized by Ministry of Environment, Forest & Climate Change, Govt. of India & NABL Valid Up to 13/06/2026.
ULR No.: TC138772500014227F

TEST REPORT

Lab Inward No. SATPL/25-26/03/MAAM/12AU	Date of Sampling : 05-06/03/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of Analysis : 06/03/2026
	End of Analysis : 10/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Report Date : 10/03/2026
	Sample Drawn By : SATPL Team on 05-06/03/2026
Order / Reference : As per TRF dated 05/03/2026	
Monitoring For : Ambient Air Monitoring	
Sampling Procedure : As per IS 5182	
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009	
Sampling Location : Santona Village	
Duration : 24 Hrs.	Time : 10:40 am to 10:40 am
Ambient Temperature[OC]: 33.5	Relative Humidity [%]: 58

RESULTS

Sr. No.	Parameters	Results	Limits	Unit	Reference Method
1	Sulphur Dioxide (SO ₂)	12.37	≤ 80	µg/m ³	IS 5182(Part-2)2001 R 2022
2	Nitrogen Dioxide(NO ₂)	20.90	≤ 80	µg/m ³	IS 5182(Part-6)2006 R 2017
3	Particulate Matter PM ₁₀	58.90	≤ 100	µg/m ³	IS 5182 (Part 23)2006 R 2022
4	Particulate Matter PM _{2.5}	26.20	≤ 60	µg/m ³	IS 5182 (Part 24):2019
5	Ozone (O ₃)	<20.0	≤ 180(1 hr.)	µg/m ³	IS 5182(Part-9): R2019
6	Ammonia (NH ₃)	9.75	≤ 400	µg/m ³	IS 5182(Part 25);2018

Remark: Reference to above mentioned monitoring report all the parameters are within the limits.

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

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A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MAAM/12AU		Date of Sampling : 05-06/03/2026			
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA		Start of Analysis : 06/03/2026			
		End of Analysis : 10/03/2026			
		Report Date : 10/03/2026			
		Sample Drawn By : SATPL Team on 05-06/03/2026			
Order / Reference: As per TRF dated 05/03/2026					
Monitoring For : Ambient Air Monitoring					
Sampling Procedure : As per IS 5182					
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009					
Sampling Location : Santona Village					
Duration : 24 Hrs.		Time : 10:40 am to 10:40 am			
Ambient Temperature [OC]: 33.5		Relative Humidity [%]: 58			
RESULTS					
Sr. No.	Parameters	Results	Limits	Unit	Reference Method
7	Carbon Monoxide (CO)	0.48	≤ 04(1 hr.)	mg/m ³	IS 5182(Part-10):1999 R2019
8	Lead as (Pb)	<0.01	≤ 1.0	µg/m ³	IS 5182(Part-22):2004 R2019
9	Benzene (C ₆ H ₆)	<0.1	≤ 05	µg/m ³	IS 5182 (Part 11):2006 R2022
10	Benzo(a)Pyrene (BaP)	<1.0	≤ 01	ng/m ³	IS 5182(Part-12):2004 R2019
11	Arsenic (As)	<1.0	≤ 06	ng/m ³	CPCB Guidelines Volume-1:2012
12	Nickel (Ni)	<0.5	≤ 20	ng/m ³	IS 5182(Part-26):2020
Remark: Reference to above mentioned monitoring report all the parameter are within the limits.					
Disclaimer: 'Information is supplied by customers represented in italic font'					
EQUIPMENT CALIBRATION DETAILS					
Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
201204156	Ambient air sampler-3	SATPL/AR/AAS-03/124	25031301/07	18.03.2025	17.03.2026
Q886998	CO Meter	SATPL/AR/COM /13	ATS-2024-25/101	19.03.2025	18.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	
2074	Inductive coupled plasma	SATPL/WT/ICP /29	-----	Inhouse Calibration	
For Shreeji Aqua Treatment Pvt. Ltd.					
				Managing Director Authorized Signatory	
					

-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TC-13877

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ULR No.: TC138772500014228F

TEST REPORT

Lab Inward No. SATPL/25-26/03/MAAM/12AV	Date of Sampling: 05-06/03/2026
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Start of Analysis: 06/03/2026
	End of Analysis: 10/03/2026
	Report Date: 10/03/2026
	Sample Drawn By: SATPL Team on 05-06/03/2026

Order / Reference: As per TRF dated 05/03/2026

Monitoring For: Ambient Air Monitoring

Sampling Procedure: As per IS 5182

Limits: National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009

Sampling Location: Devnamol Village

Duration: 24 Hrs.

Time : 11:15 am to 11:15 am

Ambient Temperature[OC]: 33.5

Relative Humidity [%]: 58

RESULTS

Sr. No.	Parameters	Results	Limits	Unit	Reference Method
1	Sulphur Dioxide (SO ₂)	10.42	≤ 80	µg/m ³	IS 5182(Part-2)2001 R 2022
2	Nitrogen Dioxide (NO ₂)	16.82	≤ 80	µg/m ³	IS 5182(Part-6)2006 R 2017
3	Particulate Matter PM ₁₀	51.26	≤ 100	µg/m ³	IS 5182 (Part 23)2006 R 2022
4	Particulate Matter PM _{2.5}	23.29	≤ 60	µg/m ³	IS 5182 (Part 24):2019
5	Ozone (O ₃)	<20.0	≤ 180(1 hr.)	µg/m ³	IS 5182(Part-9): R2019
6	Ammonia (NH ₃)	10.45	≤ 400	µg/m ³	IS 5182(Part 25);2018

Remark: Reference to above mentioned monitoring report all the parameters are within the limits.

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For Shreeji Aqua Treatment Pvt. Ltd.

SJmehts
Managing Director
Authorized Signatory

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Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No.: SATPL/25-26/03/MAAM/12AV		Date of Sampling: 05-06/03/2026			
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA		Start of Analysis: 06/03/2026			
		End of Analysis: 10/03/2026			
		Report Date: 10/03/2026			
		Sample Drawn By: SATPL Team on 05-06/03/2026			
Order / Reference: As per TRF dated 05/03/2026					
Monitoring For: Ambient Air Monitoring					
Sampling Procedure: As per IS 5182					
Limits: National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009					
Sampling Location: Devnamol Village					
Duration: 24 Hrs.		Time: 11:15 am to 11:15 am			
Ambient Temperature [OC]: 33.5		Relative Humidity [%]: 58			
RESULTS					
Sr. No.	Parameters	Results	Limits	Unit	Reference Method
7	Carbon Monoxide (CO)	0.41	≤ 04(1 hr.)	mg/m ³	IS 5182(Part-10):1999 R2019
8	Lead as (Pb)	<0.01	≤ 1.0	μg/m ³	IS 5182(Part-22);2004 R2019
9	Benzene (C ₆ H ₆)	<0.1	≤ 05	μg/m ³	IS 5182 (Part 11):2006 R2022
10	Benzo(a)Pyrene (BaP)	<1.0	≤ 01	ng/m ³	IS 5182(Part-12);2004 R2019
11	Arsenic (As)	<1.0	≤ 06	ng/m ³	CPCB Guidelines Volume-
12	Nickel (Ni)	<0.5	≤ 20	ng/m ³	IS 5182(Part-26):2020
Remark: Reference to above mentioned monitoring report all the parameter are within the limits.					
Disclaimer: 'Information is supplied by customers represented in italic font'					
EQUIPMENT CALIBRATION DETAILS					
Sr. No.	EquipmentName	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
-----	Ambient Air Sampler-4	SATPL/AR/AAS-04/125	25031301/08	18.03.2025	17.03.2026
Q886998	CO Meter	SATPL/AR/COM /13	ATS-2024-25/101	19.03.2025	18.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	
2074	Inductive coupled plasma	SATPL/WT/ICP /29	-----	Inhouse Calibration	
				For Shreeji Aqua Treatment Pvt. Ltd.	
				Sme Managing Director Authorized Signatory	



-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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ULR No.: TC138772500014229F

TEST REPORT

Lab Inward No. SATPL/25-26/03/MAAM/12AW		Date of Sampling : 05-06/03/2026			
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK		Start of Analysis : 06/03/2026			
		End of Analysis : 10/03/2026			
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA		Report Date : 10/03/2026			
		Sample Drawn By : SATPL Team on 05-06/03/2026			
Order / Reference : As per TRF dated 05/03/2026					
Monitoring For : Ambient Air Monitoring					
Sampling Procedure : As per IS 5182					
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009					
Sampling Location : Core Zone - Upwind (Near Mine Office)					
Duration : 24 Hrs.			Time : 12:20 pm to 12:20 pm		
Ambient Temperature[°C]: 33.5			Relative Humidity [%]: 58		
RESULTS					
Sr. No.	Parameters	Results	Limits	Unit	Reference Method
1	Sulphur Dioxide (SO ₂)	10.42	≤ 80	µg/m ³	IS 5182(Part-2)2001 R 2022
2	Nitrogen Dioxide(NO ₂)	12.81	≤ 80	µg/m ³	IS 5182(Part-6)2006 R 2017
3	Particulate Matter PM ₁₀	60.35	≤ 100	µg/m ³	IS 5182 (Part 23)2006 R 2022
4	Particulate Matter PM _{2.5}	30.36	≤ 60	µg/m ³	IS 5182 (Part 24):2019
5	Ozone (O ₃)	<20.0	≤ 180(1 hr.)	µg/m ³	IS 5182(Part-9): R2019
6	Ammonia (NH ₃)	9.90	≤ 400	µg/m ³	IS 5182(Part 25);2018
REMARK: Reference to above mentioned monitoring report all the parameters are within the limits. Disclaimer: 'Information is supplied by customers represented in italic font'					
				For Shreeji Aqua Treatment Pvt. Ltd.	
				<i>S. J. Mehta</i>	
				Managing Director Authorized Signatory	



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Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

Customer Care No.: +919225247365 **Email:** info@shreejiaqua.com **Web:** www.shreejiaqua.com

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MAAM/12AW		Date of Sampling : 05-06/03/2026			
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK		Start of Analysis : 06/03/2026			
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA		End of Analysis : 10/03/2026			
		Report Date : 10/03/2026			
		Sample Drawn By : SATPL Team on 05-06/03/2026			
Order / Reference: As per TRF dated 05/03/2026					
Monitoring For : Ambient Air Monitoring					
Sampling Procedure : As per IS 5182					
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009					
Sampling Location : Core Zone - Upwind (Near Mine Office)					
Duration : 24 Hrs.		Time : 12:20 pm to 12:20 pm			
Ambient Temperature[°C]: 33.5		Relative Humidity [%]: 58			
RESULTS					
Sr. No.	Parameters	Results	Limits	Unit	Reference Method
7	Carbon Monoxide (CO)	0.45	≤ 04(1 hr.)	mg/m ³	IS 5182(Part-10):1999 R2019
8	Lead as (Pb)	<0.01	≤ 1.0	µg/m ³	IS 5182(Part-22):2004 R2019
9	Benzene (C ₆ H ₆)	<0.1	≤ 05	µg/m ³	IS 5182 (Part 11):2006 R2022
10	Benzo(a)Pyrene (BaP)	<1.0	≤ 01	ng/m ³	IS 5182(Part-12):2004 R2019
11	Arsenic (As)	<1.0	≤ 06	ng/m ³	CPCB Guidelines Volume-1:2012
12	Nickel (Ni)	<0.5	≤ 20	ng/m ³	IS 5182(Part-26):2020
REMARK: Reference to above mentioned monitoring report all the parameter are within the limits. Disclaimer: <i>Information is supplied by customers represented in italic font</i>					
EQUIPMENT CALIBRATION DETAILS					
Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
210604173	Ambient Air sample-7	SATPL/AIR/AAS/36	25031301/01	18.03.2025	17.03.2026
Q886998	CO Meter	SATPL/AR/COM /13	ATS-2024-25/101	19.03.2025	18.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	
2074	Inductive coupled plasma	SATPL/WT/ICP /29	-----	Inhouse Calibration	
For Shreeji Aqua Treatment Pvt. Ltd.					
					
Managing Director Authorized Signatory					

-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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ULR No.: TC138772500014230F

TEST REPORT

Lab Inward No. SATPL/25-26/03/MAAM/12AX	Date of Sampling : 05-06/03/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of Analysis : 06/03/2026
	End of Analysis : 10/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Report Date : 10/03/2026
	Sample Drawn By : SATPL Team on 05-06/03/2026

Order / Reference : As per TRF dated 05/03/2026

Monitoring For : Ambient Air Monitoring

Sampling Procedure : As per IS 5182

Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009

Sampling Location : Core Zone - Downwind (Near Habitation)

Duration : 24 Hrs.

Time : 11:50 am to 11:50 am

Ambient Temperature[°C]: 33.5

Relative Humidity [%]: 58

RESULTS

Sr. No.	Parameters	Results	Limits	Unit	Reference Method
1	Sulphur Dioxide (SO ₂)	8.46	≤ 80	µg/m ³	IS 5182(Part-2)2001 R 2022
2	Nitrogen Dioxide(NO ₂)	21.09	≤ 80	µg/m ³	IS 5182(Part-6)2006 R 2017
3	Particulate Matter PM ₁₀	57.63	≤ 100	µg/m ³	IS 5182 (Part 23)2006 R 2022
4	Particulate Matter PM _{2.5}	25.78	≤ 60	µg/m ³	IS 5182 (Part 24):2019
5	Ozone (O ₃)	<20.0	≤ 180(1 hr.)	µg/m ³	IS 5182(Part-9): R2019
6	Ammonia (NH ₃)	11.65	≤ 400	µg/m ³	IS 5182(Part 25);2018

REMARK: Reference to above mentioned monitoring report all the parameters are within the limits.

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MAAM/12AX	Date of Sampling : 05-06/03/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of Analysis : 06/03/2026
	End of Analysis : 10/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Report Date : 10/03/2026
	Sample Drawn By : SATPL Team on 05-06/03/2026
Order / Reference: As per TRF dated 05/03/2026	
Monitoring For : Ambient Air Monitoring	
Sampling Procedure : As per IS 5182	
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009	
Sampling Location : Core Zone - Downwind (Near Habitation)	
Duration : 24 Hrs.	Time : 11:50 am to 11:50 am
Ambient Temperature[°C]: 33.5	Relative Humidity [%]: 58

RESULTS

Sr. No.	Parameters	Results	Limits	Unit	Reference Method
7	Carbon Monoxide (CO)	0.48	≤ 04(1 hr.)	mg/m ³	IS 5182(Part-10):1999 R2019
8	Lead as (Pb)	<0.01	≤ 1.0	µg/m ³	IS 5182(Part-22):2004 R2019
9	Benzene (C ₆ H ₆)	<0.1	≤ 05	µg/m ³	IS 5182 (Part 11):2006 R2022
10	Benzo(a)Pyrene (BaP)	<1.0	≤ 01	ng/m ³	IS 5182(Part-12):2004 R2019
11	Arsenic (As)	<1.0	≤ 06	ng/m ³	CPCB Guidelines Volume-1:2012
12	Nickel (Ni)	<0.5	≤ 20	ng/m ³	IS 5182(Part-26):2020

REMARK: Reference to above mentioned monitoring report all the parameter are within the limits.

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EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
210604174	Ambient Air sample-9	SATPL/AR/AAS-09/130	25031301/09	18.03.2025	17.03.2026
Q886998	CO Meter	SATPL/AR/COM /13	ATS-2024-25/101	19.03.2025	18.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	
2074	Inductive coupled plasma	SATPL/WT/ICP /29	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TC-13877

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ULR No.: TC138772500014231F

TEST REPORT

Lab Inward No. SATPL/25-26/03/MAAM/12AY		Date of Sampling : 05-06/03/2026			
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA		Start of Analysis : 06/03/2026			
		End of Analysis : 10/03/2026			
		Report Date : 10/03/2026			
		Sample Drawn By : SATPL Team on 05-06/03/2026			
Order / Reference : As per TRF dated 05/03/2026					
Monitoring For : Ambient Air Monitoring					
Sampling Procedure : As per IS 5182					
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009					
Sampling Location : Core Zone - Downwind (On Dump)					
Duration : 24 Hrs.			Time : 12:40 pm to 12:40 pm		
Ambient Temperature[°C]: 33.5			Relative Humidity [%]: 58		
RESULTS					
Sr. No.	Parameters	Results	Limits	Unit	Reference Method
1	Sulphur Dioxide (SO ₂)	9.77	≤ 80	µg/m ³	IS 5182(Part-2)2001 R 2022
2	Nitrogen Dioxide(NO ₂)	18.54	≤ 80	µg/m ³	IS 5182(Part-6)2006 R 2017
3	Particulate Matter PM ₁₀	58.26	≤ 100	µg/m ³	IS 5182 (Part 23)2006 R 2022
4	Particulate Matter PM _{2.5}	28.28	≤ 60	µg/m ³	IS 5182 (Part 24):2019
5	Ozone (O ₃)	<20.0	≤ 180(1 hr.)	µg/m ³	IS 5182(Part-9): R2019
6	Ammonia (NH ₃)	11.0	≤ 400	µg/m ³	IS 5182(Part 25):2018
REMARK: Reference to above mentioned monitoring report all the parameters are within the limits. Disclaimer: 'Information is supplied by customers represented in italic font'					
				For Shreeji Aqua Treatment Pvt. Ltd.	
				Sumeth	
				Managing Director Authorized Signatory	

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Page 1 of 2



Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MAAM/12AY		Date of Sampling : 05-06/03/2026			
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA		Start of Analysis : 06/03/2026			
		End of Analysis : 10/03/2026			
		Report Date : 10/03/2026			
		Sample Drawn By : SATPL Team on 05-06/03/2026			
Order / Reference: As per TRF dated 05/03/2026					
Monitoring For : Ambient Air Monitoring					
Sampling Procedure : As per IS 5182					
Limits : National Ambient Air Quality Standards vide GSR 826 (E) Dated 18.11.2009					
Sampling Location : Core Zone - Downwind (On Dump)					
Duration : 24 Hrs.		Time : 12:40 pm to 12:40 pm			
Ambient Temperature[°C]: 33.5		Relative Humidity [%]: 58			
RESULTS					
Sr. No.	Parameters	Results	Limits	Unit	Reference Method
7	Carbon Monoxide (CO)	0.41	≤ 04(1 hr.)	mg/m ³	IS 5182(Part-10):1999 R2019
8	Lead as (Pb)	<0.01	≤ 1.0	μg/m ³	IS 5182(Part-22):2004 R2019
9	Benzene (C ₆ H ₆)	<0.1	≤ 05	μg/m ³	IS 5182 (Part 11):2006 R2022
10	Benzo(a)Pyrene (BaP)	<1.0	≤ 01	ng/m ³	IS 5182(Part-12):2004 R2019
11	Arsenic (As)	<1.0	≤ 06	ng/m ³	CPCB Guidelines Volume-1:2012
12	Nickel (Ni)	<0.5	≤ 20	ng/m ³	IS 5182(Part-26):2020
REMARK: Reference to above mentioned monitoring report all the parameter are within the limits. Disclaimer: 'Information is supplied by customers represented in italic font'					
EQUIPMENT CALIBRATION DETAILS					
Sr. No.	EquipmentName	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
1175R1 1B-DT- 01023	Respirable Dust Sampler	SATPL/AR/RDS-01/88 /MM	25031301/04	18.03.2025	17.03.2026
Q886998	CO Meter	SATPL/AR/COM /13	ATS-2024-25/101	19.03.2025	18.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	
2074	Inductive coupled plasma	SATPL/WT/ICP /29	-----	Inhouse Calibration	
For Shreeji Aqua Treatment Pvt. Ltd.					
Managing Director Authorized Signatory					



-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MSEM/18AA.46Ar

Date of Sampling: MARCH - 2026

Client Name:

M/s. BLOCK IV - KALAY MINERAL BLOCK

Report Date: 27/03/2026

SANTONA VILLAGE, SANGUEM TALUKA,
SOUTH GOA DISTRICT, GOA.

Sample Drawn By: SATPL Representative

Order / Reference: As per TRF dated 09/03/2026

Monitoring For : FUGITIVE EMISSION MONITORING

Sampling Procedure : As per respective NIOSH/IS Guidelines

Limits : As per The Environmental (Protection) Rules 1986 as amended by G.S.R.662(E), dated 19th oct 2020.

Sampling Location : Mine Face

RESULTS

Sr. No.	Report No.	Date of Sampling	Parameters
			Particulate Matter (PM) ($\mu\text{g}/\text{m}^3$)
1	SATPL/25-26/03/MSEM/18AA	09/03/2026	868.0
2	SATPL/25-26/03/MSEM /46Ar	23/03/2026	787.0
Limits*			<1200
Test methods of analyzed parameters			IS 5182 (Part 23)2006 R 2022

REMARK: Reference to above mentioned monitoring report all the parameters are within the limits.

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EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
160504060	Ambient air sampler-2	SATPL/AR/AAS-02/123	25031301/06	18.03.2025	17.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
1366-DTG-2013	Fine Particulate Sampler 01 Dry Gas meter	SATPL/AR/FPS-01/89/DGM	26021101-02	19.02.2026	18.02.2027
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB-01/144	FSC/2602/1601/073	17.02.2026	16.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Sumeet

Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 1 of 1

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

Customer Care No.: +919225247365 **Email:** info@shreejiagua.com **Web:** www.shreejiagua.com

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MSEM/18AB,46As

Date of Sampling: MARCH - 2026

Client Name:

M/s. BLOCK IV - KALAY MINERAL BLOCK

Report Date: 27/03/2026

SANTONA VILLAGE, SANGUEM TALUKA,
SOUTH GOA DISTRICT, GOA.

Sample Drawn By: SATPL Representative

Order / Reference: As per TRF dated 09/03/2026

Monitoring For : FUGITIVE EMISSION MONITORING

Sampling Procedure : As per respective NIOSH/IS Guidelines

Limits : As per The Environmental (Protection) Rules 1986 as amended by G.S.R.662(E), dated 19th oct 2020.

Sampling Location : Mine Benches

RESULTS

Sr. No.	Report No.	Date of Sampling	Parameters
			Particulate Matter (PM) ($\mu\text{g}/\text{m}^3$)
1	SATPL/25-26/03/MSEM/18AB	09/03/2026	645.0
2	SATPL/25-26/03/MSEM /46As	23/03/2026	719.0
Limits*			<1200
Test methods of analyzed parameters			IS 5182 (Part 23) 2006 R 2022

REMARK: Reference to above mentioned monitoring report all the parameters are within the limits.

Disclaimer: 'Information is supplied by customers represented in italic font'

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
201204156	Ambient air sampler-3	SATPL/AR/AAS-03/124	25031301/07	18.03.2025	17.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
T-1175	RDS (PM 10)	SATPL/AIR/RDS/01/88	26021101-01	19.02.2026	18.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Sumeet

Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 1 of 1

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MSEM/18AC, 46At		Date of Sampling: MARCH - 2026			
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK		Report Date: 27/03/2026			
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		Sample Drawn By: SATPL Representative			
Order / Reference: As per TRF dated 09/03/2026					
Monitoring For: FUGITIVE EMISSION MONITORING					
Sampling Procedure: As per respective NIOSH/IS Guidelines					
Limits: As per The Environmental (Protection) Rules 1986 as amended by G.S.R.662(E), dated 19th oct 2020.					
Sampling Location: Dumping Area / Storage area					
RESULTS					
Sr. No.	Report No.	Date of Sampling	Parameters		
			Particulate Matter (PM) (µg/m ³)		
1	SATPL/25-26/03/MSEM/18AC	09/03/2026	764.0		
2	SATPL/25-26/03/MSEM /46At	23/03/2026	893.0		
Limits*			<1200		
Test methods of analyzed parameters			IS 5182 (Part 23) 2006 R 2022		
REMARK: Reference to above mentioned monitoring report all the parameters are within the limits.					
Disclaimer: 'Information is supplied by customers represented in italic font'					
EQUIPMENT CALIBRATION DETAILS					
Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
-----	Ambient Air Sampler-4	SATPL/AR/AAS-04/125	25031301/08	18.03.2025	17.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
1211-DTG-2013	Gaseous Attachment Sample	SATPL/AR/RDS 01-/88/ GSA	26021101-02	19.02.2026	18.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.

S.ments

Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 1 of 1

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

Lab Inward No. : SATPL/25-26/03/MSEM/18AD,46Au	Date of Sampling: MARCH - 2026
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK	Report Date: 27/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.	Sample Drawn By: SATPL Representative

Order / Reference: As per TRF dated 09/03/2026

Monitoring For : FUGITIVE EMISSION MONITORING

Sampling Procedure : As per respective NIOSH/IS Guidelines

Limits : As per The Environmental (Protection) Rules 1986 as amended by G.S.R.662(E), dated 19th oct 2020.

Sampling Location : Haulage Road

RESULTS

Sr. No.	Report No.	Date of Sampling	Parameters
			Particulate Matter (PM) ($\mu\text{g}/\text{m}^3$)
1	SATPL/25-26/03/MSEM/18AD	09/03/2026	721.0
2	SATPL/25-26/03/MSEM /46Au	23/03/2026	687.0
Limits*			<1200
Test methods of analyzed parameters			IS 5182 (Part 23) 2006 R 2022

REMARK: Reference to above mentioned monitoring report all the parameters are within the limits.

Disclaimer: 'Information is supplied by customers represented in italic font'

EQUIPMENT CALIBRATION DETAILS

Sr. No.	EquipmentName	Equipment ID	CertificateNo.	Calibration Detail	
				Calibrated Date	Calibration Due Date
210604173	Ambient Air sample-7	SATPL/AIR/AAS/36	25031301/01	18.03.2025	17.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
T-1175	RDS (PM 10)	SATPL/AIR/RDS/01/88	26021101-01	19.02.2026	18.02.2027
NA	Digital Spectrophotometer Model	SATPL/WT/UV /30	----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 1 of 1

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TC-13877

Laboratory Recognized by Ministry of Environment, Forest & Climate Change, Govt. of India & NABL Valid Up to 13/06/2026.

ULR No.: TC138772500014217F

TEST REPORT

16/03/2026

Sample / Report No.		SATPL/25-26/03/MGW/22AD					
Name of Customer		M/s. BLOCK IV - KALAY MINERAL BLOCK					
Address of Customer		SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.					
Order / Reference		As Per TRF dated 10/03/2026					
Sample declaration as provided by customer :							
Nature of Sample		Open Well Water					
Batch No.		NA					
Sample Drawn by		SATPL on 10/03/2026				Sample Received On	11/03/2026
Start of Analysis		11/03/2026				End of Analysis	16/03/2026
Sample Container		Plastic can				Sample Quantity	05 Lit (Each)
Sampling Procedure		IS 3025 (Part 1)					
Limits		As Per IS 10500:2012 Standards					
Chemical Testing							
Sr.No	Parameters	Results			Limits	Unit	Method
		GW-1	GW-2	GW-3			
1	pH Value	6.87	6.81	6.96	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	1.0 Max	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	48.0	44.0	42.0	500.0 Max	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	1.69	1.37	1.29	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	15.0	20.0	18.0	200.0 Max	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	20.0	24.0	20.0	200.0 Max	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	4.01	6.41	4.81	75.0 Max	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	2.43	1.94	1.94	30.0 Max	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	13.02	15.03	11.02	250.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.18	0.18	0.14	45.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	1.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.22	<0.22	<0.22	0.2 Min	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.025	0.017	0.014	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AD		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-1	GW-2	GW-3			
16	Cadmium as Cd	<0.003	<0.003	<0.003	0.003 Max	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	<0.01	0.02 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	<0.01	NS	mg/L	APHA 24 th edition: 3500Cr-B:2023
20	Aluminium as Al	<0.01	<0.01	<0.01	0.03 Max	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	0.27	0.18	0.14	NS	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	0.15	0.11	0.10	NS	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	72.1	69.8	66.7	NS	µs/cm	APHA, 24 th Edition 2023/2510-B

Note: NA-Not Applicable. NS-Not Specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

S. Mehra
Managing Director
Authorized Signatory

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Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AD		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parametes	Results			Limits	Unit	Method
		GW-1	GW-2	GW-3			
27	Fluorides as F	<0.1	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	0.07 Max	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	0.7 Max	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	5.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	0.05 Max	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	4.0 Max	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	0.2 Max	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	0.5 Max	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.5	25.5	25.5	NS	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Sumeet
Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 3 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AD		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	14/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-1	GW-2	GW-3			
1	Total coliform bacteria	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019
2	E. coli	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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Sample Details

Sr. No.	Location	Code No.
01	Core Zone Within Lease	GW-1
02	Kalay Village (Devnamol)	GW-2
03	Bandoli Village	GW-3



For Shreeji Aqua Treatment Pvt. Ltd.

(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 4 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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ULR No.: TC138772500014218F

TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AE						
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK						
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.						
Order / Reference	As Per TRF dated 10/03/2026						
Sample declaration as provided by customer :							
Nature of Sample	Open Well Water						
Batch No.	NA						
Sample Drawn by	SATPL on 10/03/2026				Sample Received On	11/03/2026	
Start of Analysis	11/03/2026				End of Analysis	16/03/2026	
Sample Container	Plastic can				Sample Quantity	05 Lit (Each)	
Sampling Procedure	IS 3025 (Part 1)						
Limits	As Per IS 10500:2012 Standards						
Chemical Testing							
Sr.No	Parameters	Results			Limits	Unit	Method
		GW-4	GW-5	GW-6			
1	pH Value	6.91	6.85	6.98	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	1.0 Max	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	38.0	40.0	36.0	500.0 Max	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	0.73	1.13	0.65	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	15.0	20.0	13.0	200.0 Max	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	14.0	18.0	12.0	200.0 Max	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	3.21	4.81	3.21	75.0 Max	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	1.46	1.46	0.97	30.0 Max	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	7.01	9.02	6.01	250.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.12	0.18	0.11	45.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	1.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.22	<0.22	<0.22	0.2 Min	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	<0.01	0.013	<0.01	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

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Page 1 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AE		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-4	GW-5	GW-6			
16	Cadmium as Cd	<0.003	<0.003	<0.003	0.003 Max	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	<0.01	0.02 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	<0.01	NS	mg/L	APHA 24 th edition: 3500Cr-B:2023
20	Aluminium as Al	<0.01	<0.01	<0.01	0.03 Max	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	<0.04	0.23	<0.04	NS	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	<0.04	0.11	<0.04	NS	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	55.9	64.0	57.1	NS	µs/cm	APHA, 24 th Edition 2023/2510-B

Note: NA-Not Applicable. NS-Not Specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits.

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Managing Director
Authorized Signatory

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TEST REPORT

16/03/2026

Sample / Report No.		SATPL/25-26/03/MGW/22AE					
Name of Customer		M/s. BLOCK IV - KALAY MINERAL BLOCK					
Address of Customer		SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.					
Order / Reference		As Per TRF dated 10/03/2026					
Sample declaration as provided by customer :							
Nature of Sample		Open Well Water					
Batch No.		NA					
Sample Drawn by		SATPL on 10/03/2026			Sample Received On		11/03/2026
Start of Analysis		11/03/2026			End of Analysis		16/03/2026
Sample Container		Plastic can			Sample Quantity		05 Lit (Each)
Sampling Procedure		IS 3025 (Part 1)					
Limits		As Per IS 10500:2012 Standards					
Chemical Testing							
Sr.No	Parametes	Results			Limits	Unit	Method
		GW-4	GW-5	GW-6			
27	Fluorides as F	<0.1	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	0.07 Max	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	0.7 Max	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	5.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	0.05 Max	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	4.0 Max	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	0.2 Max	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	0.5 Max	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.5	25.5	25.5	NS	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

Remark: -The sample analyzed for above parameters is within the prescribed limits

Disclaimer: 'Information supplied by customers represented in italic font'



For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

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Page 3 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AE		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-4	GW-5	GW-6			
1	Total coliform bacteria	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019
2	E. coli	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

Disclaimer: 'Information supplied by customers represented in italic font'

Sample Details

Sr. No.	Location	Code No.
01	Bandoli Village (Savargal)	GW-4
02	Santona Village (Ambeudok)	GW-5
03	Costi Village	GW-6



For Shreeji Aqua Treatment Pvt. Ltd.

(Signature)
(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 4 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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ULR No.: TC138772500014219F

TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AF		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-7	GW-8	GW-9			
1	pH Value	6.96	6.89	7.05	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	1.0 Max	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	50.0	54.0	46.0	500.0 Max	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	1.85	2.18	1.53	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	20.0	25.0	18.0	200.0 Max	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	22.0	26.0	20.0	200.0 Max	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	4.81	5.91	4.01	75.0 Max	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	2.43	2.92	2.43	30.0 Max	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	13.02	15.03	9.02	250.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.15	0.21	0.11	45.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	1.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.22	<0.22	<0.22	0.2 Min	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.023	0.028	0.017	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

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Page 1 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AF		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-7	GW-8	GW-9			
16	Cadmium as Cd	<0.003	<0.003	<0.003	0.003 Max	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	<0.01	0.02 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	<0.01	NS	mg/L	APHA 24 th edition: 3500Cr-B:2023
20	Aluminium as Al	<0.01	<0.01	<0.01	0.03 Max	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	0.22	0.24	0.20	NS	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	0.13	0.15	0.11	NS	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	78.9	86.2	72.4	NS	µs/cm	APHA, 24 th Edition 2023/2510-B

Note: NA-Not Applicable. NS-Not Specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



S. Mehra
Managing Director
Authorized Signatory

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Page 2 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AF						
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK						
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.						
Order / Reference	As Per TRF dated 10/03/2026						
Sample declaration as provided by customer :							
Nature of Sample	Open Well Water						
Batch No.	NA						
Sample Drawn by	SATPL on 10/03/2026				Sample Received On	11/03/2026	
Start of Analysis	11/03/2026				End of Analysis	16/03/2026	
Sample Container	Plastic can				Sample Quantity	05 Lit (Each)	
Sampling Procedure	IS 3025 (Part 1)						
Limits	As Per IS 10500:2012 Standards						
Chemical Testing							
Sr.No	Parametes	Results			Limits	Unit	Method
		GW-7	GW-8	GW-9			
27	Fluorides as F	<0.1	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	0.07 Max	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	0.7 Max	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	5.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	0.05 Max	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	4.0 Max	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	0.2 Max	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	0.5 Max	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.5	25.5	25.5	NS	°C	APHA, 24 th Edition 2023/2550-B
Note: NA-Not Applicable. NS-Not Specified Remark: -The sample analyzed for above parameters is within the prescribed limits Disclaimer: 'Information supplied by customers represented in italic font'							

For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 3 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AF		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-7	GW-8	GW-9			
1	Total coliform bacteria	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019
2	E. coli	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

Disclaimer: 'Information supplied by customers represented in italic font'

Sample Details

Sr. No.	Location	Code No.
01	Periudok Village	GW-7
02	Muguli Village	GW-8
03	Sanvordem Village	GW-9



For Shreeji Aqua Treatment Pvt. Ltd.

(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 4 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TC-13877

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ULR No.: TC138772500014220F

TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AG						
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK						
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.						
Order / Reference	As Per TRF dated 10/03/2026						
Sample declaration as provided by customer :							
Nature of Sample	Open Well Water						
Batch No.	NA						
Sample Drawn by	SATPL on 10/03/2026				Sample Received On	11/03/2026	
Start of Analysis	11/03/2026				End of Analysis	16/03/2026	
Sample Container	Plastic can				Sample Quantity	05 Lit (Each)	
Sampling Procedure	IS 3025 (Part 1)						
Limits	As Per IS 10500:2012 Standards						
Chemical Testing							
Sr.No	Parameters	Results			Limits	Unit	Method
		GW-10	GW-11	GW-12			
1	pH Value	6.93	6.99	6.97	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	1.0 Max	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	42.0	34.0	38.0	500.0 Max	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	1.13	0.65	0.73	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	15.0	10.0	10.0	200.0 Max	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	20.0	12.0	14.0	200.0 Max	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	4.81	3.21	3.21	75.0 Max	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	1.94	0.97	1.46	30.0 Max	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	10.02	5.01	7.01	250.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.16	<0.1	<0.1	45.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	1.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.22	<0.22	<0.22	0.2 Min	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.015	<0.01	<0.01	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Somesh

Managing Director
Authorized Signatory

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Page 1 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AG		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-10	GW-11	GW-12			
16	Cadmium as Cd	<0.003	<0.003	<0.003	0.003 Max	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	<0.01	0.02 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	<0.01	NS	mg/L	APHA 24 th edition: 3500Cr-B:2023
20	Aluminium as Al	<0.01	<0.01	<0.01	0.03 Max	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	0.18	<0.04	<0.04	NS	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	0.10	<0.04	<0.04	NS	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	65.9	53.7	60.8	NS	µs/cm	APHA, 24 th Edition 2023/2510-B

Note: NA-Not Applicable. NS-Not specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 2 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AG		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-10	GW-11	GW-12			
27	Fluorides as F	<0.1	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	0.07 Max	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	0.7 Max	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	5.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	0.05 Max	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	4.0 Max	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	0.2 Max	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	0.5 Max	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.5	25.5	25.5	NS	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Sumeet
Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 3 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AG		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-10	GW-11	GW-12			
1	Total coliform bacteria	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019
2	E. coli	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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Sample Details

Sr. No.	Location	Code No.
01	Mestri Bhat	GW-10
02	Kalay Village	GW-11
03	Shigao Village	GW-12



For Shreeji Aqua Treatment Pvt. Ltd.

(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 4 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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ULR No.: TC138772500014221F

TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AH		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-13	GW-14	GW-15			
1	pH Value	6.98	6.88	6.91	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	1.0 Max	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	40.0	50.0	44.0	500.0 Max	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	1.13	1.29	1.21	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	20.0	25.0	25.0	200.0 Max	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	16.0	22.0	20.0	200.0 Max	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	4.01	5.61	5.61	75.0 Max	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	1.46	1.94	1.46	30.0 Max	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	11.02	12.02	11.02	250.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.21	0.21	0.19	45.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	1.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.22	<0.22	<0.22	0.2 Min	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.013	0.018	0.015	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

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Page 1 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AH		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-13	GW-14	GW-15			
16	Cadmium as Cd	<0.003	<0.003	<0.003	0.003 Max	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	<0.01	0.02 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	<0.01	NS	mg/L	APHA 24 th edition: 3500Cr-B:2023
20	Aluminium as Al	<0.01	<0.01	<0.01	0.03 Max	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	0.20	0.23	0.19	NS	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	0.10	0.14	0.10	NS	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	63.1	78.7	65.9	NS	µs/cm	APHA, 24 th Edition 2023/2510-B

Note: NA-Not Applicable. NS-Not Specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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Managing Director
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Page 2 of 4

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TEST REPORT

16/03/2026

Sample / Report No.		SATPL/25-26/03/MGW/22AH						
Name of Customer		M/s. BLOCK IV - KALAY MINERAL BLOCK						
Address of Customer		SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.						
Order / Reference		As Per TRF dated 10/03/2026						
Sample declaration as provided by customer :								
Nature of Sample		Open Well Water						
Batch No.		NA						
Sample Drawn by		SATPL on 10/03/2026			Sample Received On		11/03/2026	
Start of Analysis		11/03/2026			End of Analysis		16/03/2026	
Sample Container		Plastic can			Sample Quantity		05 Lit (Each)	
Sampling Procedure		IS 3025 (Part 1)						
Limits		As Per IS 10500:2012 Standards						
Chemical Testing								
Sr.No	Parametes	Results			Limits	Unit	Method	
		GW-13	GW-14	GW-15				
27	Fluorides as F	<0.1	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019	
28	Mercury as Hg	<0.001	<0.001	<0.001	0.001 Max	mg/L	IS 3025: (Part 48):1994 R2020	
29	Molybdenum as Mo	<0.01	<0.01	<0.01	0.07 Max	mg/L	IS 3025 (Part 2): 2004 R2019	
30	Selenium as Se	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019	
31	Silver as Ag	<0.01	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019	
32	Total arsenic as As	<0.01	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 37):1988 R2019	
33	Barium as Ba	<0.01	<0.01	<0.01	0.7 Max	mg/L	IS 3025 (Part 2): 2004 R2019	
34	Colour	<1.0	<1.0	<1.0	5.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021	
35	Odour	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 5):1983 R 2018	
36	Taste	Agreeable	Agreeable	Agreeable	Agreeable	-----	IS 3025(Part 7):1984 R 2017	
37	Mineral Oil	<0.01	<0.01	<0.01	0.5 Max	mg/L	IS 3025(Part 39)R2021	
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	0.05 Max	mg/L	IS 3025: (Part 29) : 1986 R2022	
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	4.0 Max	mg/L	APHA 24 th edition 4500-Cl-F/2023	
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	0.2 Max	mg/L	IS 3025 (Part 68): 2019	
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	0.5 Max	mg/L	IS 3025 (Part 34):1988 R 2019	
42	Temperature	25.5	25.5	25.5	NS	°C	APHA, 24 th Edition 2023/2550-B	

Note: NA-Not Applicable. NS-Not Specified

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 3 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AH		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-13	GW-14	GW-15			
1	Total coliform bacteria	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019
2	E. coli	<2.0	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

Disclaimer: 'Information supplied by customers represented in italic font'

Sample Details

Sr. No.	Location	Code No.
01	Tatodi Village	GW-13
02	Dargini Village	GW-14
03	Cuddegal	GW-15



For Shreeji Aqua Treatment Pvt. Ltd.

(Signature)
(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 4 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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ULR No.: TC138772500014222F

TEST REPORT

16/03/2026

Sample / Report No.		SATPL/25-26/03/MGW/22AI	
Name of Customer		M/s. BLOCK IV - KALAY MINERAL BLOCK	
Address of Customer		SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.	
Order / Reference		As Per TRF dated 10/03/2026	
Sample declaration as provided by customer :			
Nature of Sample		Open Well Water	
Batch No.		NA	
Sample Drawn by		SATPL on 10/03/2026	Sample Received On 11/03/2026
Start of Analysis		11/03/2026	End of Analysis 16/03/2026
Sample Container		Plastic can	Sample Quantity 05 Lit (Each)
Sampling Procedure		IS 3025 (Part 1)	
Limits		As Per IS 10500:2012 Standards	

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		GW-16	GW-17			
1	pH Value	6.79	6.73	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	1.0 Max	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	52.0	54.0	500.0 Max	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	2.18	2.42	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	20.0	23.0	200.0 Max	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	24.0	26.0	200.0 Max	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	4.81	4.81	75.0 Max	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	2.92	3.40	30.0 Max	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	13.02	14.02	250.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.20	0.23	45.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	1.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.22	<0.22	0.2 Min	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	0.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.031	0.033	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

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Page 1 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AI					
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK					
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.					
Order / Reference	As Per TRF dated 10/03/2026					
Sample declaration as provided by customer :						
Nature of Sample	Open Well Water					
Batch No.	NA					
Sample Drawn by	SATPL on 10/03/2026		Sample Received On	11/03/2026		
Start of Analysis	11/03/2026		End of Analysis	16/03/2026		
Sample Container	Plastic can		Sample Quantity	05 Lit (Each)		
Sampling Procedure	IS 3025 (Part 1)					
Limits	As Per IS 10500:2012 Standards					
Chemical Testing						
Sr.No	Parameters	Results		Limits	Unit	Method
		GW-16	GW-17			
16	Cadmium as Cd	<0.003	<0.003	0.003 Max	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	0.02 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	NS	mg/L	APHA 24th edition: 3500Cr- B:2023
20	Aluminium as Al	<0.01	<0.01	0.03 Max	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₆ OH	<0.001	<0.001	0.001 Max	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	0.22	0.25	NS	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	0.15	0.17	NS	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	82.9	85.7	NS	us/cm	APHA, 24 th Edition 2023/2510-B

Note: NA-Not Applicable. NS-Not Specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

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Page 2 of 4

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AI		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	As Per IS 10500:2012 Standards		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		GW-16	GW-17			
27	Fluorides as F	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	0.001 Max	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	0.07 Max	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	0.01 Max	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	0.7 Max	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	5.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	0.5 Max	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	0.05 Max	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	4.0 Max	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	0.2 Max	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	0.5 Max	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.5	25.5	NS	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Sumit
Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 3 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MGW/22AI		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Open Well Water		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		GW-16	GW-17			
1	Total coliform bacteria	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019
2	E. coli	<2.0	<2.0	NA	MPN/100 ml	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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Sample Details

Sr. No.	Location	Code No.
01	Dabal Village	GW-16
02	Panchwadi Village	GW-17



For Shreeji Aqua Treatment Pvt. Ltd.

A. K. Kalge
(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 4 of 4

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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ULR No: TC138772500014223F

TEST REPORT

Lab Inward No. : SATPL/25-26/03/MANM/10BZ	Date of Sampling : 05-06/03/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of analysis : 05/03/2026
	End of Analysis : 06/03/2026
	Report Date : 09/03/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Sample Drawn By : SATPL Representative on 05-06/03/2026

Order / Reference: As per TRF dated 05/03/2026

AMBIENT NOISE LEVEL MONITORING

Sr. No.	LOCATIONS	NOISE LEVEL READING IN dB (A) Leq	
		DAY TIME	NIGHT TIME
1	Near Dump (Core Zone)	54.6	40.4
2	Near Habitation (Core zone)	56.2	39.7
3	Bandoli Village (Buffer Zone)	50.5	37.3
4	Santona Village (Buffer Zone)	48.3	38.6
5	Devnamol Village (Buffer Zone)	45.9	34.0

Remark- : Reference to above mentioned monitoring report all the parameters are within the limits.

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Noise Limits as per Schedule III of "The Environment (Protection) Rules, 1986" are as follows:

Area Code	Category of Area	Limits in dB(A) Leq	
		Day Time	Night Time
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Silence Zone	50	40

EQUIPMENT CALIBRATION DETAILS

Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
Q629682	Sound Level Meter with data logger-1	SATPL/AR/SLM DL-03 /101	ATCL/250318/027	17.03.2025	16.03.2026



For Shreeji Aqua Treatment Pvt. Ltd.

Smehta
Managing Director
Authorized Signatory

-----End of Test Report-----

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Page 1 of 1

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MS/22AJ		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Soil Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Ziploc Bag	Sample Quantity	01 Kg (Each)
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results					Limits	Unit
		S-1	S-2	S-3	S-4	S-5		
1	Colour	Red Soil	Red Soil	Red Soil	Red Soil	Red Soil	NA	-----
2	Textural class	Clay Loam	Clay Loam	Clay Loam	Clay Loam	Clay Loam	NA	-----
3	Size Distribution							
	Sand	36.23	34.16	40.16	39.61	28.61	NA	%
	Clay	37.6	36.41	32.96	34.83	36.11	NA	%
	Silt	26.17	29.43	26.88	25.56	35.28	NA	%
4	Moisture Content	10.34	11.03	10.31	11.36	12.16	NA	%
5	Bulk Density	1.41	1.31	1.51	1.36	1.41	NA	gm/cc
6	Porosity	46.32	44.61	40.36	39.36	38.61	NA	%
7	Water holding capacity	30.83	31.70	32.74	32.11	28.61	NA	%
8	pH	6.88	6.97	7.09	7.26	7.36	NA	----
9	EC	0.49	0.32	0.53	0.41	0.39	NA	m.mohs/c
10	Organic Carbon	1.24	1.41	1.93	1.36	1.36	NA	%
11	Nitrogen as N	178	187	203	172	280	NA	Kg/Ha
12	Phosphorous as P	14.3	11.6	15.6	12.6	19.1	NA	Kg/Ha
13	Potassium as K ₂ O	288	262	289	272	203	NA	Kg/Ha

Note: NA-Not Applicable.

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For Shreeji Aqua Treatment Pvt. Ltd.

Sd/medh
Managing Director
Authorized Signatory

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Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MS/22AJ		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Soil Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Ziploc Bag	Sample Quantity	01 Kg (Each)
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results					Limits	Unit
		S-1	S-2	S-3	S-4	S-5		
14	Calcium as Ca	123.61	103.61	136.81	153.68	121.61	NA	mg/kg
15	Magnesium as Mg	49.36	49.61	53.61	59.81	48.69	NA	mg/kg
16	Sodium as Na2O	163	166.3	153.89	181.7	193.96	NA	mg/kg
17	Chlorides as Cl	121.01	124.16	106.16	126.11	129.08	NA	mg/kg
18	Sodium absorption ratio	17.52	19.0	17.59	17.58	21.03	NA	%
19	Salinity	0.31	0.34	0.28	0.28	0.29	NA	ppt
20	Sulphate as SO4	37.1	41.61	28.37	33.63	37.96	NA	%
21	Boron as B	0.36	0.21	0.11	0.10	0.11	NA	mg/kg
22	Zinc as Zn	8.91	7.31	6.36	9.13	9.23	NA	mg/kg
23	Copper as Cu	0.58	0.36	0.48	0.29	0.39	NA	mg/kg
24	Iron as Fe	1136	1006	1089	1036	1108	NA	mg/kg

Note: NA-Not Applicable.

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Sample Details		
Sr. No.	Location	Code No.
01	Dump Soil of Kalay Mineral Block	S-1
02	Costi Village Agriculture Land	S-2
03	RF Near Devnamol Village	S-3
04	Santona Village(Mestri Bhat)Agriculture Land	S-4
05	Cormonem Village Agriculture Land	S-5



For Shreeji Aqua Treatment Pvt. Ltd.

S. M. M.
Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MS/22AK		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Soil Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Ziploc Bag	Sample Quantity	01 Kg (Each)
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit
		S-6	S-7		
1	Colour	Red Soil	Red Soil	NA	-----
2	Textural class	Clay Loam	Clay Loam	NA	-----
3	Size Distribution				
	Sand	44.52	40.20	NA	%
	Clay	39.25	31.84	NA	%
	Silt	16.3	27.96	NA	%
4	Moisture Content	8.99	7.80	NA	%
5	Bulk Density	1.34	1.31	NA	gm/cc
6	Porosity	52.56	45.36	NA	%
7	Water holding capacity	37.30	28.04	NA	%
8	pH	6.20	5.80	NA	----
9	EC	0.328	0.320	NA	m.mohs/c
10	Organic Carbon	1.25	1.10	NA	%
11	Nitrogen as N	139	158	NA	Kg/Ha
12	Phosphorous as P	17.25	14.26	NA	Kg/Ha
13	Potassium as K ₂ O	286	250	NA	Kg/Ha

Note: NA-Not Applicable.

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For Shreeji Aqua Treatment Pvt. Ltd.



Sumeet

Managing Director
Authorized Signatory

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Page 1 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MS/22AK		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Soil Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Ziploc Bag	Sample Quantity	01 Kg (Each)
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit
		S-6	S-7		
14	Calcium as Ca	161.39	136.11	NA	mg/kg
15	Magnesium as Mg	51.65	39.47	NA	mg/kg
16	Sodium as Na2O	150	158	NA	mg/kg
17	Chlorides as Cl	106	109	NA	mg/kg
18	Sodium absorption ratio	14.53	16.8	NA	%
19	Salinity	0.38	0.30	NA	ppt
20	Sulphate as SO4	50	60	NA	%
21	Boron as B	0.30	0.29	NA	mg/kg
22	Zinc as Zn	8.28	8.95	NA	mg/kg
23	Copper as Cu	0.19	0.21	NA	mg/kg
24	Iron as Fe	1186	1198	NA	mg/kg

Note: NA-Not Applicable.

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Sample Details

Sr. No.	Location	Code No.
01	Bandoli Village Agriculture Land	S-6
02	Santona Village (Ambeudok) Agriculture Land	S-7

For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 2 of 2

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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ULR No.: TC138772500014216

TEST REPORT

16/03/2026

Sample / Report No.		SATPL/25-26/03/MWW/22AC				
Name of Customer		M/s. BLOCK IV - KALAY MINERAL BLOCK				
Address of Customer		SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.				
Order / Reference		As Per TRF dated 10/03/2026				
Sample declaration as provided by customer :						
Nature of Sample		Pit Water Sample				
Batch No.		NA				
Sample Drawn by		SATPL on 10/03/2026		Sample Received On	11/03/2026	
Start of Analysis		11/03/2026		End of Analysis	16/03/2026	
Sample Container		Plastic can		Sample Quantity	05 Lit (Each)	
Sampling Procedure		IS 3025 (Part 1)				
Limits		Environmental (P) Rules , 1986 Schedule - I, 01.01.2016				
Chemical Testing						
Sr.No	Parameters	Results		Limits	Unit	Method
		PW-1	PW-2			
1	pH Value	7.20	7.31	6.0-9.0	-----	IS 3025 (Part 11):2022
2	Chemical Oxygen Demand (COD)	28.86	25.65	250.0 Max	mg/L	APHA, 24 th Edition 2023/ 5220-C
3	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	6.1	5.5	30.0 Max	mg/L	IS 3025 (Part 44):2023
4	Total Suspended Solids (TSS)	6.0	4.0	100.0 Max	mg/L	APHA, 24 th Edition 2023/ 2540-D
5	Oil & Grease	<2.0	<2.0	10.0 Max	mg/L	IS 3025 (Part 39):2021
6	Sulphate as SO ₄	2.02	1.77	1000.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
7	Chloride as Cl	14.03	13.03	1000.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
8	Ammonium as NH ₄ -N	0.28	0.14	50.0 Max	mg/L	APHA 24th edition: 4500 NH ₃ -B & C:2023
9	Total Kjeldhal Nitrogen	2.80	2.52	50.0 Max	mg/L	APHA 24th Edition, 4500 Norg- B
10	Nitrate Nitrogen	0.18	0.15	10.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Phosphate	0.13	0.10	5.0 Max	mg/L	APHA 24th edition: 4500P- D:2023
12	Fluorides as F	0.12	0.12	2.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
13	Hexavalent Chromium as Cr+6	<0.1	<0.1	0.05 Max	mg/L	APHA 24th edition: 3500Cr- B:2023
14	Iron as Fe	0.044	0.035	3.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
15	Zinc as Zn	0.014	0.011	5.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019
16	Lead as Pb	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Sumesh

Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

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TEST REPORT

16/03/2026

Sample / Report No.	SATPL/25-26/03/MWW/22AC		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Pit Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	Environmental (P) Rules , 1986 Schedule - I, 01.01.2016		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		PW-1	PW-2			
17	Selenium as Se	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
18	Cadmium as Cd	<0.003	<0.003	2.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019
19	Copper as Cu	<0.01	<0.01	3.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019
20	Arsenic	<0.01	<0.01	0.2 Max	mg/L	APHA 24 th edition 3120-B: 2023
21	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	1.0 Max	mg/L	IS 3025 (Part 43):1992 R 2022
22	Sulphide	<0.05	<0.05	2.0 Max	mg/L	APHA 24 th edition (4500-S ² -F): 2023
23	Nickel	<0.01	<0.01	3.0 Max	mg/L	APHA 24 th edition: 3120 B: 2023
24	Total Residual Chloride	<0.22	<0.22	1.0 Max	mg/L	APHA 24 th edition 4500-Cl-B: 2023
25	Manganese as Mn	<0.01	<0.01	2.0 Max	mg/L	APHA 24 th edition 3120 (Part B):2023

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 2 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MWW/22AC		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Pit Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	Environmental (P) Rules , 1986 Schedule - I. 01.01.2016		

Chemical Testing

Sr. No	Parameters	Results		Limits	Unit	Method
		PW-1	PW-2			
26	Cyanide as CN	<0.05	<0.05	0.2 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
27	Mercury	<0.001	<0.001	0.01 Max	mg/L	IS 3025 (part 48):1994 R 2019
28	Vanadium as V	<0.01	<0.01	0.2 Max	mg/L	IS 3025 (Part 2): 2004 R2019
29	Trivalent Cr+3	<0.01	<0.01	2.0 Max	mg/L	Internal SOP
30	Fixed Dissolved Solids	42.0	48.0	2100.0 Max	mg/L	IS 3025(P-18) 2022
31	Temperature	25.5	25.5	Shall not 5°C above the receiving water temp.	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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Sample Details

Sr. No.	Location	Code No.
01	Pit-1 Water Sample	PW-1
02	Pit -3 Water Sample	PW-2



For Shreeji Aqua Treatment Pvt. Ltd.

S. Mehra
Managing Director
Authorized Signatory

-----End of Test Report-----

The results relate to sample

Page 3 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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TC-13877

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ULR No.: TC138772500014214F

TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MSW/22AA		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Kalay River Upstream Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	Surface Water Quality Standards Class –C (as per IS:2296)		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		SW-1	SW-2			
1	pH Value	6.96	6.90	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Total Dissolved Solids	32.0	36.0	1500.0 Max	mg/L	IS 3025 (Part 16): 2023
3	Sulphate as SO ₄	0.65	0.73	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
4	Total Hardness as CaCO ₃	14.0	16.0	NS	mg/L	IS 3025 (Part 21): 2009 R 2019
5	Chloride as Cl	5.01	6.01	600.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
6	Nitrate as NO ₃	0.10	0.13	50.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
7	Hexavalent Chromium	<0.1	<0.1	0.05 Max	mg/L	APHA 24th edition: 3500Cr- B:2023
8	Iron as Fe	0.097	0.102	50.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
9	Zinc as Zn	<0.01	<0.01	15.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019
10	Cadmium as Cd	<0.003	<0.003	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
11	Lead as Pb	<0.01	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Copper as Cu	0.012	0.015	1.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
13	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	0.005 Max	mg/L	IS 3025 (Part 43):1992 R 2022

Note: NA-Not Applicable. NS: Not Specified.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

S. J. Mehta
Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MSW/22AA		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Kalay River Upstream Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	Surface Water Quality Standards Class –C (as per IS:2296)		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		SW-1	SW-2			
14	Selenium as Se	<0.01	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Cyanide as CN	<0.05	<0.05	0.05 Max	mg/L	APHA 24 th Edition: 2023:4500CN (Part E)
16	Total arsenic as As	<0.01	<0.01	0.2 Max	mg/L	IS 3025 (Part 37):1988 R2019
17	Colour	<1.0	<1.0	300.0 Max	Hazen	IS 3025 (Part 4):1983 R 2021
18	Fluorides as F	<0.1	<0.1	1.5 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
19	Chemical Oxygen Demand (COD)	9.62	16.03	NS	mg/L	APHA, 24 th Edition 2023/ 5220-C
20	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	1.0	1.7	3.0 Max	mg/L	IS 3025 (Part 44):2023
21	Total Suspended Solids (TSS)	8.0	12.0	NS	mg/L	APHA, 24 th Edition 2023/ 2540-D
22	Oil & Grease	BDL	BDL	0.1 Max	mg/L	IS 3025 (Part 39):2021
23	Dissolve Oxygen as DO	5.6	5.5	4.0 Min	mg/L	APHA 24th edition: 45000-B:2023
24	Anionic detergents (as MBAS)	<0.1	<0.1	1.0 Max	mg/L	IS 3025 (Part 68): 2019

Note: NA-Not Applicable. NS-Not Specified. BDL-Below Detection Limit.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.



Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 2 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

Customer Care No.: +919225247365 Email: info@shreejiaqua.com Web: www.shreejiaqua.com

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TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MSW/22AA		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Kalay River Upstream Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)
Sampling Procedure	IS (1622):1981R2019		
Limits	Surface Water Quality Standards Class -C (as per IS:2296)		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		SW-1	SW-2			
1	Total coliform bacteria	11.0	17.0	5000.0	MPN/100 mL	IS (1622):1981R2019

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

Disclaimer: 'Information supplied by customers represented in italic font'

Sample Details

Sr. No.	Location	Code No.
01	Kalay River Upstream Water Sample	SW-1
02	Kalay River Downstream Water Sample	SW-2



For Shreeji Aqua Treatment Pvt. Ltd.

A. Kalga
(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 3 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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ULR No.: TC138772500014215F

TEST REPORT

16/03/2026

16/03/2026

Sample / Report No.	SATPL/25-26/03/MSW/22AB		
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK		
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		
Order / Reference	As Per TRF dated 10/03/2026		
Sample declaration as provided by customer :			
Nature of Sample	Seasonal Nallah Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026
Start of Analysis	11/03/2026	End of Analysis	16/03/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	Surface Water Quality Standards Class –C (as per IS:2296)		

Chemical Testing

Sr.No	Parameters	Results	Limits	Unit	Method
		SW-3			
1	pH Value	7.03	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Total Dissolved Solids	30.0	1500.0 Max	mg/L	IS 3025 (Part 16): 2023
3	Sulphate as SO ₄	0.56	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
4	Total Hardness as CaCO ₃	12.0	---	mg/L	IS 3025 (Part 21): 2009 R 2019
5	Chloride as Cl	5.01	600.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
6	Nitrate as NO ₃	0.11	50.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
7	Hexavalent Chromium	<0.1	0.05 Max	mg/L	APHA 24th edition: 3500Cr-B:2023
8	Iron as Fe	0.093	50.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
9	Zinc as Zn	<0.01	15.0 Max	mg/L	IS 3025 (Part 2): 2004 R2019
10	Cadmium as Cd	<0.003	0.01 Max	mg/L	IS 3025 (Part 2): 2004 R2019
11	Lead as Pb	<0.01	0.1 Max	mg/L	IS 3025 (Part 2): 2004 R2019
12	Copper as Cu	0.011	1.5 Max	mg/L	IS 3025 (Part 2): 2004 R2019
13	Phenolic compound as C ₆ H ₅ OH	<0.001	0.005 Max	mg/L	IS 3025 (Part 43):1992 R 2022

Note: NA-Not Applicable. NTU: Nephelometric Turbidity unit

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 3

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TEST REPORT

16/03/2026

10/03/2020

Sample / Report No.	SATPL/25-26/03/MSW/22AB				
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK				
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.				
Order / Reference	As Per TRF dated 10/03/2026				
Sample declaration as provided by customer :					
Nature of Sample	Seasonal Nallah Downstream Water Sample				
Batch No.	NA				
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026		
Start of Analysis	11/03/2026	End of Analysis	16/03/2026		
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)		
Sampling Procedure	IS 3025 (Part 1)				
Limits	Surface Water Quality Standards Class –C (as per IS:2296)				
Chemical Testing					
Sr.No	Parameters	Results	Limits	Unit	Method
		SW-3			
14	Selenium as Se	<0.01	0.05 Max	mg/L	IS 3025 (Part 2): 2004 R2019
15	Cyanide as CN	<0.05	0.05 Max	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
16	Total arsenic as As	<0.01	0.2 Max	mg/L	IS 3025 (Part 37):1988 R2019
17	Colour	<1.0	300.0 Max	Hazen	IS 3025 (Part 4) :1983 R 2021
18	Fluorides as F	<0.1	1.5 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
19	Chemical Oxygen Demand (COD)	12.83	NS	mg/L	APHA, 24 th Edition 2023/ 5220-C
20	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	1.2	3.0 Max	mg/L	IS 3025 (Part 44):2023
21	Total Suspended Solids (TSS)	10.0	NS	mg/L	APHA, 24 th Edition 2023/ 2540-D
22	Oil & Grease	<2.0	0.1 Max	mg/L	IS 3025 (Part 39):2021
23	Dissolve Oxygen as DO	5.5	4.0 Min	mg/L	APHA 24th edition: 45000-B:2023
24	Anionic detergents (as MBAS)	<0.1	1.0 Max	mg/L	IS 3025 (Part 68): 2019

Note: NA-Not Applicable. NS-Not Specified

Remark: -The sample analyzed for above parameters is within the prescribed limits

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For Shreeji Aqua Treatment Pvt. Ltd.

Managing Director
Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 2 of 3

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TEST REPORT

16/03/2026

10/03/2026

Sample / Report No.	SATPL/25-26/03/MSW/22AB				
Name of Customer	M/s. BLOCK IV - KALAY MINERAL BLOCK				
Address of Customer	SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.				
Order / Reference	As Per TRF dated 10/03/2026				
Sample declaration as provided by customer :					
Nature of Sample	Seasonal Nallah Downstream Water Sample				
Batch No.	NA				
Sample Drawn by	SATPL on 10/03/2026	Sample Received On	11/03/2026		
Start of Analysis	11/03/2026	End of Analysis	16/03/2026		
Sample Container	Sterile Plastic Bottle	Sample Quantity	250 mL(Each)		
Sampling Procedure	IS (1622):1981R2019				
Limits	Surface Water Quality Standards Class –C (as per IS:2296)				
Chemical Testing					
Sr.No	Parameters	Results	Unit	Method	
		SW-3	Limits		
1	Total coliform bacteria	13.0	MPN/100 mL	IS (1622):1981R2019	

Note: NA-Not Applicable.

Remark: -The sample analyzed for above parameters is within the prescribed limits

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Sample Details

Sr. No.	Location	Code No.
01	Seasonal Drainage Downstream Water Sample	SW-3



For Shreeji Aqua Treatment Pvt. Ltd.

(Microbiology Department)
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 3 of 3

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

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