



|| 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/26-27/04/MAAM/04BE, 12BS, 18AP, 26V, 32R, 40AH, 46H, 54F, 60J	T.R. Date	06/05/2026
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	April -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Bandoli Village (Buffer Zone)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	34.0	Average Wind Speed (km/hr)	2.5
Average Relative Humidity [%]	56	Average Wind direction(Deg)	154

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/26-27/04/MAAM/04BE	02/04/2026	59.62	27.86	7.81	19.08
2	SATPL/26-27/04/MAAM/12BS	06/04/2026	56.15	24.53	9.77	17.46
3	SATPL/26-27/04/MAAM/18AP	09/04/2026	61.26	29.11	8.46	14.24
4	SATPL/26-27/04/MAAM/26V	13/04/2026	63.16	31.19	7.81	18.0
5	SATPL/26-27/04/MAAM/32R	16/04/2026	60.63	26.61	10.42	16.06
6	SATPL/26-27/04/MAAM/40AH	20/04/2026	55.58	23.70	11.72	14.31
7	SATPL/26-27/04/MAAM/46H	23/04/2026	60.0	28.28	7.81	17.55
8	SATPL/26-27/04/MAAM/54F	27/04/2026	59.37	25.37	9.77	20.33
9	SATPL/26-27/04/MAAM/60J	30/04/2026	57.41	22.04	8.46	19.28
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
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
1697	U.V- Vis Spectrophotometer	SATPL/WT/UV/30	NA	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

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/26-27/04/MAAM/04BF, 12BT, 18AQ, 26W, 32S, 40AI, 46I, 54G, 60K	T.R. Date	06/05/2026
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	April -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Santona Village (Buffer Zone)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	34.0	Average Wind Speed (km/hr)	2.5
Average Relative Humidity [%]	56	Average Wind direction(Deg)	154

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/26-27/04/MAAM/04BF	02/04/2026	57.0	25.78	9.77	16.95
2	SATPL/26-27/04/MAAM/12BT	06/04/2026	61.04	29.11	8.46	19.63
3	SATPL/26-27/04/MAAM/18AQ	09/04/2026	57.51	27.03	10.42	20.42
4	SATPL/26-27/04/MAAM/26W	13/04/2026	60.47	29.94	9.77	19.91
5	SATPL/26-27/04/MAAM/32S	16/04/2026	58.58	24.95	8.46	18.64
6	SATPL/26-27/04/MAAM/40AI	20/04/2026	59.78	28.28	9.77	20.49
7	SATPL/26-27/04/MAAM/46I	23/04/2026	63.0	31.19	11.07	18.96
8	SATPL/26-27/04/MAAM/54G	27/04/2026	56.31	26.20	10.42	19.59
9	SATPL/26-27/04/MAAM/60K	30/04/2026	54.41	23.70	11.72	18.10
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
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
-----	Ambient Air Sampler-4	SATPL/AR/AAS-04/125	26021101-17	19.02.2026	18.02.2027
1697	U.V- Vis Spectrophotometer	SATPL/WT/HV /30	NA	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

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

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Test Report No.	SATPL/26-27/04/MAAM/04BG,12BU,18AR,26X,32T,40AJ,46J,54H,60L	T.R. Date	06/05/2026
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	April -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Core Zone - Upwind (Near Office)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	34.0	Average Wind Speed (km/hr)	2.5
Average Relative Humidity [%]	56	Average Wind direction(Deg)	154

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/26-27/04/MAAM/04BG	02/04/2026	62.05	29.94	8.46	20.14
2	SATPL/26-27/04/MAAM/12BU	06/04/2026	55.93	24.12	7.81	14.40
3	SATPL/26-27/04/MAAM/18AR	09/04/2026	59.72	28.69	11.72	13.13
4	SATPL/26-27/04/MAAM/26X	13/04/2026	61.61	30.36	11.07	16.63
5	SATPL/26-27/04/MAAM/32T	16/04/2026	57.19	27.86	9.12	15.36
6	SATPL/26-27/04/MAAM/40AJ	20/04/2026	56.56	23.29	8.46	15.99
7	SATPL/26-27/04/MAAM/46J	23/04/2026	59.27	29.11	9.12	17.91
8	SATPL/26-27/04/MAAM/54H	27/04/2026	62.43	31.19	8.46	16.63
9	SATPL/26-27/04/MAAM/60L	30/04/2026	60.63	28.28	11.07	18.86
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
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
211004187	Ambient Air Sampler-5	SATPL/AR/AAS-06/127	26021101-23	19.02.2026	18.02.2027
1697	U.V- Vis Spectrophotometer	SATPL/WT/UV /30	NA	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Symehk
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/26-27/04/MAAM/04BH,12BV,18AS,26Y,32U,40AK,46K,54I,60M	T.R. Date	06/05/2026
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	April -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Core Zone - Downwind (Near Habitation)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	34.0	Average Wind Speed (km/hr)	2.5
Average Relative Humidity [%]	56	Average Wind direction(Deg)	154

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/26-27/04/MAAM/04BH	02/04/2026	58.90	28.69	11.07	15.99
2	SATPL/26-27/04/MAAM/12BV	06/04/2026	63.31	31.60	10.42	22.05
3	SATPL/26-27/04/MAAM/18AS	09/04/2026	56.37	26.20	7.81	18.54
4	SATPL/26-27/04/MAAM/26Y	13/04/2026	58.26	29.11	8.46	18.22
5	SATPL/26-27/04/MAAM/32U	16/04/2026	56.37	24.53	7.81	19.82
6	SATPL/26-27/04/MAAM/40AK	20/04/2026	62.30	30.36	10.42	18.86
7	SATPL/26-27/04/MAAM/46K	23/04/2026	59.15	29.52	11.72	16.63
8	SATPL/26-27/04/MAAM/54I	27/04/2026	56.62	25.78	7.81	18.54
9	SATPL/26-27/04/MAAM/60M	30/04/2026	61.36	30.77	10.42	15.99
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
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
1697	U.V- Vis Spectrophotometer	SATPL/WT/UV /30	NA	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/26-27/04/MAAM/04BI,12BW,18AT,26Z,32V,40AL,46L,54J,60N	T.R. Date	06/05/2026
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	April -2026		

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Core Zone – Downwind (Dump)		
Duration of Sampling [Hrs]	24		
Average Ambient Temperature [°C]	34.0	Average Wind Speed (km/hr)	2.5
Average Relative Humidity [%]	56	Average Wind direction(Deg)	154

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/26-27/04/MAAM/04BI	02/04/2026	60.73	29.11	10.42	17.91
2	SATPL/26-27/04/MAAM/12BW	06/04/2026	59.53	26.20	9.12	16.63
3	SATPL/26-27/04/MAAM/18AT	09/04/2026	63.06	32.02	10.42	18.86
4	SATPL/26-27/04/MAAM/26Z	13/04/2026	56.75	25.78	11.72	19.18
5	SATPL/26-27/04/MAAM/32V	16/04/2026	61.80	30.77	9.77	16.95
6	SATPL/26-27/04/MAAM/40AL	20/04/2026	59.40	27.86	9.12	17.91
7	SATPL/26-27/04/MAAM/46L	23/04/2026	62.05	31.60	9.77	18.86
8	SATPL/26-27/04/MAAM/54J	27/04/2026	60.79	29.52	9.12	16.31
9	SATPL/26-27/04/MAAM/60N	30/04/2026	58.20	27.03	7.81	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
210604174	Ambient Air Sampler-6	SATPL/AR/AAS-05/126	26021101-18	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
1697	U.V- Vis Spectrophotometer	SATPL/WT/UV /30	NA	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



S. J. Mehta

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

Lab Inward No. : SATPL/26-27/04/MFEM/12BM, 40AD		Date of Sampling: APRIL - 2026			
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK		Report Date: 24/04/2026			
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		Sample Drawn By: SATPL Representative			
Order / Reference: As per TRF dated 06/04/2026					
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 19 th oct 2020.					
Sampling Location : Mine Face					
RESULTS					
Sr. No.	Report No.	Date of Sampling	Particulate Matter (PM) (µg/m ³)		
1	SATPL/26-27/04/MFEM/12BM	06/04/2026	912.0		
2	SATPL/26-27/04/MFEM/40AD	20/04/2026	708.0		
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
160504059	Ambient Air Sampler-1	SATPL/AR/AAS-01/122	26021101-22	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

For Shreeji Aqua Treatment Pvt. Ltd.



Smehta
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

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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/26-27/04/MFEM/12BN, 40AE			Date of Sampling: APRIL - 2026		
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK			Report Date: 24/04/2026		
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.			Sample Drawn By: SATPL Representative		
Order / Reference: As per TRF dated 06/04/2026					
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 19 th oct 2020.					
Sampling Location : Mine Benches					
RESULTS					
Sr. No.	Report No.	Date of Sampling	Parameters		
			Particulate Matter (PM) (µg/m ³)		
1	SATPL/26-27/04/MFEM/12BN	06/04/2026	758.0		
2	SATPL/26-27/04/MFEM/40AE	20/04/2026	821.0		
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
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
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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TEST REPORT

Lab Inward No. : SATPL/26-27/04/MFEM/12BO, 40AF		Date of Sampling: APRIL - 2026			
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK		Report Date: 24/04/2026			
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.		Sample Drawn By: SATPL Representative			
Order / Reference: As per TRF dated 06/04/2026					
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 19 th 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/26-27/04/MFEM/12BO	06/04/2026	859.0		
2	SATPL/26-27/04/MFEM/40AF	20/04/2026	972.0		
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: <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
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
160504060	Ambient Air Sampler-2	SATPL/AR/AAS-02/123	26021101-20	19.02.2026	18.02.2027
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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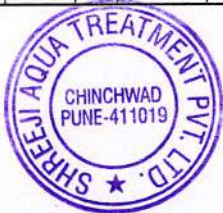
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TEST REPORT					
Lab Inward No. : SATPL/26-27/04/MFEM/12BP, 40AG			Date of Sampling: APRIL - 2026		
Client Name: M/s. BLOCK IV - KALAY MINERAL BLOCK			Report Date: 24/04/2026		
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA.			Sample Drawn By: SATPL Representative		
Order / Reference: As per TRF dated 06/04/2026					
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 19 th oct 2020.					
Sampling Location : Haulage Road					
Sr. No.	Report No.	Date of Sampling	Parameters		
			Particulate Matter (PM) (µg/m ³)		
1	SATPL/26-27/04/MFEM/12BP	06/04/2026	677.0		
2	SATPL/26-27/04/MFEM/40AG	20/04/2026	738.0		
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
55627	Semi Micro Weighing Balance	SATPL/AR/SMWB -01 /144	FSC/2602/1601/073	17.02.2026	16.02.2027
201204156	Ambient Air Sampler-3	SATPL/AR/AAS-03/124	26021101-24	19.02.2026	18.02.2027
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

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TC-13877

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ULR No.: TC1387726000100348F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AF		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-1	GW-2	GW-3			
1	pH Value	6.96	6.89	6.70	NA	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	NA	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	40.0	46.0	50.0	NA	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	1.29	1.37	1.61	NA	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	20.0	25.0	15.0	NA	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	18.0	22.0	24.0	NA	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	3.21	4.81	6.41	NA	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	2.43	2.43	1.94	NA	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	11.02	16.03	15.03	NA	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.14	0.20	0.16	NA	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	NA	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.2	<0.2	<0.2	NA	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.018	0.022	0.020	NA	mg/L	IS 3025 (Part 2): 2004 R2019

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

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For Shreeji Aqua Treatment Pvt. Ltd.

S. 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 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.: TC1387726000100348F

TEST REPORT

14/04/2026

11/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AF		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

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	NA	mg/L	IS 3025 (Part 2): 2004 R2019
17	Nickel as Ni	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
18	Hexavalent Chromium	<0.1	<0.1	<0.1	NA	mg/L	APHA 24th edition: 3500Cr- B:2023
19	Aluminium as Al	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
20	Manganese as Mn	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
21	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	NA	mg/L	IS 3025 (Part 43):1992 R 2022
22	Copper as Cu	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
23	Sodium as Na	3.1	2.1	2.5	NA	mg/L	APHA 24 th Edition:2023/3500-Na-B
24	Potassium as K	2.2	1.1	1.5	NA	mg/L	APHA 24 th Edition:2023/3500-K-B
25	Conductivity	63.7	71.9	80.2	NA	µs/cm	APHA, 24 th Edition 2023/2510-B

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

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For Shreeji Aqua Treatment Pvt. Ltd.

Symette

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.

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

14/04/2026

11/01/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AF		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-1	GW-2	GW-3			
26	Cyanide as CN	<0.05	<0.05	<0.05	NA	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
27	Fluorides as F	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	NA	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	NA	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	NA	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	NA	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	NA	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	NA	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.2	25.2	25.2	NA	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

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For Shreeji Aqua Treatment Pvt. Ltd.

S. Mehta
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

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AF		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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.

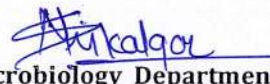
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Sample Details

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.: TC1387726000100349F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AG		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-4	GW-5	GW-6			
1	pH Value	6.80	6.99	6.76	NA	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	NA	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	44.0	36.0	44.0	NA	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	0.65	0.97	1.21	NA	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	25.0	23.0	25.0	NA	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	14.0	14.0	16.0	NA	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	3.21	2.40	4.01	NA	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	1.46	1.94	1.46	NA	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	11.02	7.01	10.02	NA	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.16	0.15	0.18	NA	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	NA	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.2	<0.2	<0.2	NA	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.015	0.010	0.013	NA	mg/L	IS 3025 (Part 2): 2004 R2019

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

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For Shreeji Aqua Treatment Pvt. Ltd.

Sme hte.

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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TC-13877

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

ULR No.: TC1387726000100349F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AG		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

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	NA	mg/L	IS 3025 (Part 2): 2004 R2019
17	Nickel as Ni	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
18	Hexavalent Chromium	<0.01	<0.01	<0.01	NA	mg/L	APHA 24th edition: 3500Cr- B:2023
19	Aluminium as Al	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
20	Manganese as Mn	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
21	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	NA	mg/L	IS 3025 (Part 43):1992 R 2022
22	Copper as Cu	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
23	Sodium as Na	2.1	2.5	3.6	NA	mg/L	APHA 24 th Edition:2023/3500-Na-B
24	Potassium as K	1.5	1.9	2.5	NA	mg/L	APHA 24 th Edition:2023/3500-K-B
25	Conductivity	69.9	53.4	70.2	NA	µs/cm	APHA, 24 th Edition 2023/2510-B

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

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For Shreeji Aqua Treatment Pvt. Ltd.

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Managing Director
Authorized Signatory

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AG		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-4	GW-5	GW-6			
26	Cyanide as CN	<0.05	<0.05	<0.05	NA	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
27	Fluorides as F	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	NA	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	NA	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	NA	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	NA	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	NA	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	NA	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.2	25.2	25.2	NA	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

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For Shreeji Aqua Treatment Pvt. Ltd.

S. J. Mehta

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.

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TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AG		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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.

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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.

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ULR No.: TC1387726000100350F

TEST REPORT

14/04/2026

17/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AH		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-7	GW-8	GW-9			
1	pH Value	6.79	7.01	7.09	NA	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	NA	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	58.0	48.0	42.0	NA	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	2.26	1.53	1.29	NA	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	18.0	23.0	23.0	NA	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	26.0	22.0	16.0	NA	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	6.41	5.61	4.81	NA	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	2.43	1.94	0.97	NA	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	17.03	13.02	7.01	NA	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.28	0.24	0.14	NA	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	NA	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.2	<0.2	<0.2	NA	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.029	0.023	0.012	NA	mg/L	IS 3025 (Part 2): 2004 R2019

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

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For Shreeji Aqua Treatment Pvt. Ltd.

Sme

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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ULR No.: TC1387726000100350F

TEST REPORT

14/04/2026

11/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AH		
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 09/04/2026		
Sample declaration as provided by customer:			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

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	NA	mg/L	IS 3025 (Part 2): 2004 R2019
17	Cyanide as CN	<0.05	<0.05	<0.05	NA	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
18	Nickel as Ni	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
19	Hexavalent Chromium	<0.01	<0.01	<0.01	NA	mg/L	APHA 24 th edition: 3500Cr- B:2023
20	Aluminium as Al	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
21	Manganese as Mn	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
22	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	NA	mg/L	IS 3025 (Part 43):1992 R 2022
23	Copper as Cu	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
24	Sodium as Na	2.3	3.5	2.8	NA	mg/L	APHA 24 th Edition:2023/3500-Na-B
25	Potassium as K	1.2	2.0	1.5	NA	mg/L	APHA 24 th Edition:2023/3500-K-B
26	Conductivity	90.8	76.1	67.9	NA	µs/cm	APHA, 24 th Edition 2023/2510-B

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

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For Shreeji Aqua Treatment Pvt. Ltd.

Smehta

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.

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

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AH		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-7	GW-8	GW-9			
27	Fluorides as F	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	NA	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	NA	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	NA	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	NA	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	NA	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	NA	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.2	25.2	25.2	NA	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

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For Shreeji Aqua Treatment Pvt. Ltd.

Sme Hte.

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

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AH		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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.

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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

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.: TC1387726000100351F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AI		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-10	GW-11	GW-12			
1	pH Value	6.85	6.95	6.90	NA	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	NA	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	60.0	40.0	46.0	NA	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	2.26	1.21	1.45	NA	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	20.0	25.0	23.0	NA	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	28.0	18.0	22.0	NA	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	4.81	3.21	4.01	NA	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	3.89	2.43	2.92	NA	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	19.03	7.01	11.02	NA	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.20	<0.1	<0.1	NA	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	NA	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.2	<0.2	<0.2	NA	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.015	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019

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

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For Shreeji Aqua Treatment Pvt. Ltd.

S. 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 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.: TC1387726000100351F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AI		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

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	NA	mg/L	IS 3025 (Part 2): 2004 R2019
17	Nickel as Ni	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
18	Hexavalent Chromium	<0.01	<0.01	<0.01	NA	mg/L	APHA 24th edition: 3500Cr- B:2023
19	Aluminium as Al	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
20	Manganese as Mn	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
21	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	NA	mg/L	IS 3025 (Part 43):1992 R 2022
22	Copper as Cu	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
23	Sodium as Na	3.8	2.7	3.2	NA	mg/L	APHA 24 th Edition:2023/3500-Na-B
24	Potassium as K	1.5	1.0	2.2	NA	mg/L	APHA 24 th Edition:2023/3500-K-B
25	Conductivity	94.6	62.9	73.6	NA	µs/cm	APHA, 24 th Edition 2023/2510-B

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

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For Shreeji Aqua Treatment Pvt. Ltd.

Smehta

Managing Director
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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

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AI						
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 09/04/2026						
Sample declaration as provided by customer :							
Nature of Sample	Ground Water						
Batch No.	NA						
Sample Drawn by	SATPL on 09/04/2026				Sample Received On	10/04/2026	
Start of Analysis	10/04/2026				End of Analysis	14/04/2026	
Sample Container	Plastic can				Sample Quantity	05 Lit (Each)	
Sampling Procedure	IS 3025 (Part 1)						
Limits	NA						
Chemical Testing							
Sr.No	Parameters	Results			Limits	Unit	Method
		GW-10	GW-11	GW-12			
26	Cyanide as CN	<0.05	<0.05	<0.05	NA	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
27	Fluorides as F	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	NA	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	NA	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	NA	----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	NA	----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	NA	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	NA	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	NA	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	NA	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.2	25.2	25.2	NA	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

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For Shreeji Aqua Treatment Pvt. Ltd.

Symete

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

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

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AI		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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.

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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.: TC1387726000100352F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AJ		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr. No	Parameters	Results			Limits	Unit	Method
		GW-13	GW-14	GW-15			
1	pH Value	7.12	7.09	6.87	NA	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	<1.0	NA	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	36.0	46.0	48.0	NA	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	0.73	1.61	1.85	NA	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	18.0	20.0	20.0	NA	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	12.0	20.0	26.0	NA	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	2.40	3.21	4.81	NA	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	1.46	2.92	3.40	NA	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	8.01	9.02	13.02	NA	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.14	0.29	0.23	NA	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	<0.1	NA	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.2	<0.2	<0.2	NA	mg/L	APHA 24 th Edition (4500-Cl-B)2023
14	Boron as B	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	<0.01	0.033	0.019	NA	mg/L	IS 3025 (Part 2): 2004 R2019

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

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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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ULR No.: TC1387726000100352F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20A]		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

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	NA	mg/L	IS 3025 (Part 2): 2004 R2019
17	Nickel as Ni	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
18	Hexavalent Chromium	<0.01	<0.01	<0.01	NA	mg/L	APHA 24th edition: 3500Cr- B:2023
19	Aluminium as Al	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
20	Manganese as Mn	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
21	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	<0.001	NA	mg/L	IS 3025 (Part 43):1992 R 2022
22	Copper as Cu	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
23	Sodium as Na	3.5	4.4	2.9	NA	mg/L	APHA 24 th Edition:2023/3500-Na-B
24	Potassium as K	2.9	3.4	1.2	NA	mg/L	APHA 24 th Edition:2023/3500-K-B
25	Conductivity	75.6	73.9	65.9	NA	µs/cm	APHA, 24 th Edition 2023/2510-B

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

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For Shreeji Aqua Treatment Pvt. Ltd.

S. Smehta

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

14/04/2026

17/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AJ		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results			Limits	Unit	Method
		GW-13	GW-14	GW-15			
26	Cyanide as CN	<0.05	<0.05	<0.05	NA	mg/L	APHA 24 th Edition: 2023:4500CN (Part E)
27	Fluorides as F	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	<0.001	NA	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	<1.0	NA	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	Agreeable	NA	-----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	<0.01	NA	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	<0.05	NA	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	<1.0	NA	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	<0.1	NA	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	<0.07	NA	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.2	25.2	25.2	NA	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

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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.

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@shreeji aqua.com Web: www.shreeji aqua.com

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TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AJ		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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.

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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.



Hikalgal
(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

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.: TC1387726000100353F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AK		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		GW-16	GW-17			
1	pH Value	7.14	6.97	NA	-----	IS 3025 (Part 11):2022
2	Turbidity	<1.0	<1.0	NA	NTU	IS 3025 (Part 10) :1984 R 2023
3	Total Dissolved Solids	42.0	50.0	NA	mg/L	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	1.29	1.85	NA	mg/L	IS 3025: (Part 24/Sec 1) :R2022
5	Total alkalinity as CaCO ₃	20.0	25.0	NA	mg/L	IS 3025 (Part 23): 2023
6	Total Hardness as CaCO ₃	18.0	24.0	NA	mg/L	IS 3025 (Part 21): 2009 R 2019
7	Calcium as Ca	3.21	4.81	NA	mg/L	IS 3025 (Part 40): 1991 R 2019
8	Magnesium as Mg	2.43	2.92	NA	mg/L	IS 3025 (Part 46) R 2023
9	Chloride as Cl	10.02	12.02	NA	mg/L	IS 3025 (Part 32): 1988 R 2019
10	Nitrate as NO ₃	0.24	0.29	NA	mg/L	IS 3025 (Part 34):1988 R 2019
11	Lead as Pb	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
12	Iron as Fe	<0.1	<0.1	NA	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
13	Free residual chlorine	<0.2	<0.2	NA	mg/L	APHA 24th Edition (4500-Cl--B)2023
14	Boron as B	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
15	Zinc as Zn	0.027	0.038	NA	mg/L	IS 3025 (Part 2): 2004 R2019

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

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For Shreeji Aqua Treatment Pvt. Ltd.

Smehta

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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ULR No.: TC1387726000100353F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AK		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parameters	Results		Limits	Unit	Method
		GW-16	GW-17			
16	Cadmium as Cd	<0.003	<0.003	NA	mg/L	IS 3025 (Part 2): 2004 R2019
17	Nickel as Ni	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
18	Hexavalent Chromium	<0.01	<0.01	NA	mg/L	APHA 24th edition: 3500Cr- B:2023
19	Aluminium as Al	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
20	Manganese as Mn	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
21	Phenolic compound as C ₆ H ₅ OH	<0.001	<0.001	NA	mg/L	IS 3025 (Part 43):1992 R 2022
22	Copper as Cu	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
23	Sodium as Na	2.8	3.4	NA	mg/L	APHA 24 th Edition:2023/3500-Na-B
24	Potassium as K	1.3	1.8	NA	mg/L	APHA 24 th Edition:2023/3500-K-B
25	Conductivity	66.0	75.4	NA	µs/cm	APHA, 24 th Edition 2023/2510-B

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

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For Shreeji Aqua Treatment Pvt. Ltd.

S. M. K.

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.

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

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AK		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
Sample Container	Plastic can	Sample Quantity	05 Lit (Each)
Sampling Procedure	IS 3025 (Part 1)		
Limits	NA		

Chemical Testing

Sr.No	Parametes	Results		Limits	Unit	Method
		GW-16	GW-17			
26	Cyanide as CN	<0.05	<0.05	NA	mg/L	APHA 24 th Edition:2023:4500CN (Part E)
27	Fluorides as F	<0.1	<0.1	NA	mg/L	IS 3025 (Part 60) : 2008 R 2019
28	Mercury as Hg	<0.001	<0.001	NA	mg/L	IS 3025: (Part 48):1994 R2020
29	Molybdenum as Mo	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
30	Selenium as Se	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
31	Silver as Ag	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
32	Total arsenic as As	<0.01	<0.01	NA	mg/L	IS 3025 (Part 37):1988 R2019
33	Barium as Ba	<0.01	<0.01	NA	mg/L	IS 3025 (Part 2): 2004 R2019
34	Colour	<1.0	<1.0	NA	Hazen	IS 3025 (Part 4) :1983 R 2021
35	Odour	Agreeable	Agreeable	NA	----	IS 3025(Part 5):1983 R 2018
36	Taste	Agreeable	Agreeable	NA	----	IS 3025(Part 7):1984 R 2017
37	Mineral Oil	<0.01	<0.01	NA	mg/L	IS 3025(Part 39)R2021
38	Sulphide as H ₂ S	<0.05	<0.05	NA	mg/L	IS 3025: (Part 29) : 1986 R2022
39	Chloramines as Cl ₂	<1.0	<1.0	NA	mg/L	APHA 24 th edition 4500-Cl-F/2023
40	Anionic detergents (as MBAS)	<0.1	<0.1	NA	mg/L	IS 3025 (Part 68): 2019
41	Ammonia (as total ammonia-N)	<0.07	<0.07	NA	mg/L	IS 3025 (Part 34):1988 R 2019
42	Temperature	25.2	25.2	NA	°C	APHA, 24 th Edition 2023/2550-B

Note: NA-Not Applicable. NS-Not Specified

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For Shreeji Aqua Treatment Pvt. Ltd.

S. Mehta
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

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MGW/20AK		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Ground Water		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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.

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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.



Hikalgal
(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: TC1387726000100356F

TEST REPORT

Lab Inward No.: SATPL/26-27/04/MANM/12BQ	Date of Sampling: 06-07/04/2026
Client Name:	Start of analysis: 06/04/2026
M/s. BLOCK IV - KALAY MINERAL BLOCK	End of Analysis: 07/04/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Report Date: 10/04/2026
	Sample Drawn By: SATPL Representative on 06-07/04/2026

Order / Reference: As per TRF dated 06/04/2026

AMBIENT NOISE LEVEL MONITORING

Sr. No.	LOCATIONS	NOISE LEVEL READING IN dB (A) Leq	
		DAY TIME	NIGHT TIME
1	Core Zone - Upwind (Near Office)	57.2	44.5
2	Core Zone - Downwind (Near Habitation)	59.7	48.2
3	Core Zone - Downwind (Dump)	62.8	52.5
4	Bandoli Village (Buffer Zone)	53.1	39.7
5	Santona Village (Buffer Zone)	50.9	42.4
6	Devnamol Village (Buffer Zone)	47.6	38.3

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
1560525	Sound Level Meter	SATPL/AR/SLM-01/99	26021101-10	19.02.2026	18.02.2027

For Shreeji Aqua Treatment Pvt. Ltd.



Smehta
Managing Director
Authorized Signatory

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

This report cannot be reproduced in parts. 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

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TEST REPORT

Lab Inward No. : SATPL/26-27/04/MWN/12BR	Date of Sampling : 06/04/2026
Client Name : M/s. BLOCK IV - KALAY MINERAL BLOCK	Start of analysis : 06/04/2026
	End of Analysis : 06/04/2026
SANTONA VILLAGE, SANGUEM TALUKA, SOUTH GOA DISTRICT, GOA	Report Date : 10/04/2026
	Sample Drawn By : SATPL Representative on 06/04/2026

Order / Reference: As per TRF dated 06/04/2026

WORKPLACE NOISE LEVEL MONITORING

Sr. No.	LOCATIONS	NOISE LEVEL READING IN dB (A) Leq
		DAY TIME
1	Near Tippers (HEMM)	79.9
2	Near Excavator (HEMM)	84.1
3	Near Wheel loader (HEMM)	83.3
4	Ripper-dozer (HEMM)	81.4

Remark- : As per above mentioned report, all locations meets with the limit of noise standards. Permissible exposure limits as per DGMS Technical Circular 18 of 1975 and THE GOA Factories Rules, 1985 is 85 dB (A) for TWA (8 hrly).

Limit : Permissible exposure limits as per DGMS Technical Circular 18 of 1975 and The Goa Factories Rules, 1985 is 85 dB (A) for TWA (8 hrly).

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EQUIPMENT CALIBRATION DETAILS

Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
217089693	Sound Level Meter	SATPL/AR/SLM DL-03/101	26021101-07	19.02.2026	18.02.2027

For Shreeji Aqua Treatment Pvt. Ltd.



Srinika
Managing Director
Authorized Signatory

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

This report cannot be reproduced in parts. 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@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.: TC1387726000100347F

TEST REPORT							14/04/2026
Sample / Report No.		SATPL/26-27/04/MSW/20AE					
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 09/04/2026					
Sample declaration as provided by customer :							
Nature of Sample		Discharge Water I & II					
Batch No.		NA					
Sample Drawn by		SATPL on 09/04/2026		Sample Received On		10/04/2026	
Start of Analysis		10/04/2026		End of Analysis		14/04/2026	
Sample Container		Plastic can		Sample Quantity		05 Lit	
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-4	SW-5				
1	pH Value	7.12	7.07	6.5-8.5	-----	IS 3025 (Part 11):2022	
2	Total Dissolved Solids	30.0	34.0	1500.0 Max	mg/L	IS 3025 (Part 16): 2023	
3	Sulphate as SO ₄	<0.5	<0.5	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022	
4	Total Hardness as CaCO ₃	12.0	12.0	NS	mg/L	IS 3025 (Part 21): 2009 R 2019	
5	Chloride as Cl	7.01	8.01	600.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019	
6	Nitrate as NO ₃	<0.1	<0.1	50.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019	
7	Hexavalent Chromium	BLQ	BLQ	0.05 Max	mg/L	APHA 24th edition: 3500Cr- B:2023	
8	Iron as Fe	0.031	0.034	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	<0.01	<0.01	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 Disclaimer: 'Information supplied by customers represented in italic font'							



For Shreeji Aqua Treatment Pvt. Ltd.

Smehta

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

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AE		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Discharge Water I & II		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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-4	SW-5			
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)	<3.0	<3.0	NS	mg/L	APHA, 24 th Edition 2023/ 5220-C
20	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	<1.0	<1.0	3.0 Max	mg/L	IS 3025 (Part 44):2023
21	Total Suspended Solids (TSS)	8.0	10.0	NS	mg/L	APHA, 24 th Edition 2023/ 2540-D
22	Oil & Grease	BLQ	BLQ	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 Limit of Quantification

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.

Symehite

Managing Director
Authorized Signatory

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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

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AE		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Discharge Water I & II		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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-4	SW-5			
1	Total coliform bacteria	14.0	13.0	5000.0	MPN/100 mL	IS (1622):1981R2019

Note: NA-Not Applicable.

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

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Sample Details

Sr. No.	Location	Code No.
01	Discharge Water Sample - I	SW-4
02	Discharge Water Sample- II	SW-5

For Shreeji Aqua Treatment Pvt. Ltd.



(Signature)
(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.

Lab: 184, 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.: TC1387726000100346F

TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MWW/20AD		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Pit Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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	7.15	7.29	6.0-9.0	-----	IS 3025 (Part 11):2022
2	Chemical Oxygen Demand (COD)	22.44	19.24	250.0 Max	mg/L	APHA, 24 th Edition 2023/ 5220-C
3	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	4.8	4.1	30.0 Max	mg/L	IS 3025 (Part 44):2023
4	Total Suspended Solids (TSS)	8.0	8.0	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	2.66	2.10	1000.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
7	Chloride as Cl	17.03	15.03	1000.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
8	Ammonium as NH ₄ -N	0.70	0.56	50.0 Max	mg/L	APHA 24th edition: 4500 NH ₃ -B & C:2023
9	Total Kjeldhal Nitrogen	1.68	1.40	50.0 Max	mg/L	APHA 24th Edition, 4500 Norg- B
10	Nitrate Nitrogen	0.12	0.12	10.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
11	Phosphate	0.16	0.12	5.0 Max	mg/L	APHA 24th edition: 4500P- D: 2023
12	Fluorides as F	0.10	0.10	2.0 Max	mg/L	IS 3025 (Part 60) : 2008 R 2019
13	Hexavalent Chromium as Cr+6	BLQ	BLQ	0.05 Max	mg/L	APHA 24th edition: 3500Cr- B:2023
14	Iron as Fe	0.039	0.030	3.0 Max	mg/L	APHA, 24 th Edition : 3500Fe (Part B)2023
15	Zinc as Zn	0.012	0.010	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.



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

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MWW/20AD		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Pit Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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	<0.2	<0.2	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.

S. Mehta

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

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MWW/20AD		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Pit Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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	46.0	42.0	2100.0 Max	mg/L	IS 3025(P-18) 2022
31	Temperature	25.2	25.2	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. M. K.

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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ULR No.: TC1387726000100344F

TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AB		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Kalay River Upstream Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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	6.82	6.99	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Total Dissolved Solids	34.0	28.0	1500.0 Max	mg/L	IS 3025 (Part 16): 2023
3	Sulphate as SO ₄	0.81	0.56	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
4	Total Hardness as CaCO ₃	16.0	10.0	NS	mg/L	IS 3025 (Part 21): 2009 R 2019
5	Chloride as Cl	7.01	5.01	600.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
6	Nitrate as NO ₃	0.12	<0.1	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	0.081	0.067	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	0.014	<0.01	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.

Managing Director
Authorized Signatory

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Page 1 of 3

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

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

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TEST REPORT

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AB		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Kalay River Upstream Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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)	6.41	6.41	NS	mg/L	APHA, 24 th Edition 2023/ 5220-C
20	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	<1.0	<1.0	3.0 Max	mg/L	IS 3025 (Part 44):2023
21	Total Suspended Solids (TSS)	10.0	6.0	NS	mg/L	APHA, 24 th Edition 2023/ 2540-D
22	Oil & Grease	BLQ	BLQ	0.1 Max	mg/L	IS 3025 (Part 39):2021
23	Dissolve Oxygen as DO	5.4	5.6	4.0 Min	mg/L	APHA 24 th 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.

S. Mehta

Managing Director
Authorized Signatory

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Page 2 of 3

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

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

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TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AB		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Kalay River Upstream Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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	21.0	14.0	5000.0	MPN/100 mL	IS (1622):1981R2019

Note: NA-Not Applicable.

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

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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.



Atakalpe
(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.: TC1387726000100345F

TEST REPORT

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AC		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Seasonal Nallah Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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	7.12	6.5-8.5	-----	IS 3025 (Part 11):2022
2	Total Dissolved Solids	36.0	1500.0 Max	mg/L	IS 3025 (Part 16): 2023
3	Sulphate as SO ₄	0.65	200.0 Max	mg/L	IS 3025: (Part 24/Sec 1) :R2022
4	Total Hardness as CaCO ₃	14.0	---	mg/L	IS 3025 (Part 21): 2009 R 2019
5	Chloride as Cl	9.02	600.0 Max	mg/L	IS 3025 (Part 32): 1988 R 2019
6	Nitrate as NO ₃	0.12	50.0 Max	mg/L	IS 3025 (Part 34):1988 R 2019
7	Hexavalent Chromium	BLQ1	0.05 Max	mg/L	APHA 24th edition: 3500Cr-B:2023
8	Iron as Fe	0.079	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	0.010	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

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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

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AC				
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 09/04/2026				
Sample declaration as provided by customer :					
Nature of Sample	Seasonal Nallah Downstream Water Sample				
Batch No.	NA				
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026		
Start of Analysis	10/04/2026	End of Analysis	14/04/2026		
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)	9.62	NS	mg/L	APHA, 24 th Edition 2023/ 5220-C
20	Bio Chemical Oxygen Demand (BOD) @ 27°C for 3 Days	<1.0	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	BLQ	0.1 Max	mg/L	IS 3025 (Part 39):2021
23	Dissolve Oxygen as DO	5.6	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.

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Managing Director
Authorized Signatory

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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

14/04/2026

14/04/2026

Sample / Report No.	SATPL/26-27/04/MSW/20AC		
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 09/04/2026		
Sample declaration as provided by customer :			
Nature of Sample	Seasonal Nallah Downstream Water Sample		
Batch No.	NA		
Sample Drawn by	SATPL on 09/04/2026	Sample Received On	10/04/2026
Start of Analysis	10/04/2026	End of Analysis	14/04/2026
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-3			
1	Total coliform bacteria	11.0	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	Seasonal Drainage Downstream Water Sample	SW-3

For Shreeji Aqua Treatment Pvt. Ltd.



H. K. 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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