



SV ENVIRO LABS & CONSULTANTS

(Environmental Engineers & Consultants in Pollution Control)

Corporate Office : Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam-530012
& Laboratory www.svenviolabs.com, Ph:0891-2755528, Cell: +91 9440338628
info@svenviolabs.com, svenviro_labs@yahoo.co.in

Branch Office : 2-53, Mahipala Street, Yanam - 533464.

Recognized by Govt.of India-MoEF & CC, New Delhi, Accredited by : NABL & NABET



Certificate

This is to certify that SV ENVIRO LABS & CONSULTANTS (Recognized by Govt. of India MoEF & CC, NABL & NABET) carried out **Environmental Monitoring** in the campus of **Dr. SRK Government Arts College, Yanam, Puducherry(U.T.)- 533464** on 21-09-2021@ 10:15hr. This is evident in the report.

Thanking You,

Yours Faithfully,

For **SV ENVIRO LABS & CONSULTANTS**

(Authorized Signatory)





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Ref: SVELC/SRKGAC/21-09/01

Date: 30-09-2021

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : AMBIENT AIR QUALITY

SOURCE OF COLLECTION : Near M.Sc Class Room

DATE & TIME OF START : 21-09-2021@ 10:15hr

DURATION OF SAMPLING : 24 Hours

ATMOSPHERE CONDITION : Clear Sky

TEST REPORT

S.No	PARAMETER	UNIT	RESULT	NAAQ STANDARDS	METHOD
1.	Particulate Matter(Size<10 μ) or PM ₁₀	$\mu\text{g}/\text{m}^3$	36.1	100	IS:5182 (P-23) Gravimetric
2.	Particulate Matter(Size<2.5 μ) or PM _{2.5}	$\mu\text{g}/\text{m}^3$	14.8	60	IS:5182 (P-24) Gravimetric
3.	Sulphur Dioxide – SO ₂	$\mu\text{g}/\text{m}^3$	8.8	80	IS:5182 (P-2)- West and Gaeke Method
4.	Oxides of Nitrogen - NO _x	$\mu\text{g}/\text{m}^3$	7.1	80	IS:5182(P-6) - Jacob & Hochheiser Method

Remarks: As per the Above Report, all the parameters are within NAAQ Standards.


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Ref: SVELC/SRKGAC/21-09/02

Dates: 30-09-2021

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : NOISE LEVELS

DATE OF COLLECTION : 21-09-2021

TEST REPORT

S.No.	SOURCE OF COLLECTION	Noise levels measured in Leq(db)
		Day
1.	Near M.Sc Class Room	34.0
2.	Near Library	32.2
3.	Near Chemistry Lab	33.5
WHO GUIDELINES		35.0

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Ref: SVELC/SRKGAC/21-09/03

Date: 30-09-2021

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : WATER

SOURCE OF COLLECTION : MUNICIPAL WATER

DATE OF COLLECTION : 21-09-2021

TEST REPORT

S.No	Parameter	Unit	Result
1.	Colour	Hazen	<1.0
2.	Turbidity	NTU	<0.01
3.	pH	-	7.52
4.	Electrical conductivity	µmhos	258
5.	Total Dissolved Solids	mg/l	152
6.	Total Alkalinity as CaCO ₃	mg/l	71.0
7.	Total Hardness as CaCO ₃	mg/l	102
8.	Calcium as Ca	mg/l	26.8
9.	Magnesium as Mg	mg/l	8.50
10.	Chlorides as Cl	mg/l	24.6
11.	Fluorides as F	mg/l	0.05
12.	Nitrates as NO ₃ ⁻	mg/l	0.88
13.	Sulphates as SO ₄ ²⁻	mg/l	40.6
14.	Silica as SiO ₂	mg/l	1.22
15.	Iron as Fe	mg/l	0.03
16.	Total Bacterial Count	CFU/ml	24

Note: All the parameters are analyzed as per APHA methods 23rd Edition, 2017.


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Ref: SVELC/SRKGAC/21-09/03

Date: 30-09-2021

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : WATER

SOURCE OF COLLECTION : BORE WATER

DATE OF COLLECTION : 21-09-2021

TEST REPORT

S.No	Parameter	Unit	Result
1.	Colour	Hazen	<1.0
2.	Turbidity	NTU	0.05
3.	pH	-	7.54
4.	Electrical conductivity	µmhos	1120
5.	Total Dissolved Solids	mg/l	696
6.	Total Alkalinity as CaCO ₃	mg/l	452
7.	Total Hardness as CaCO ₃	mg/l	364
8.	Calcium as Ca	mg/l	64.1
9.	Magnesium as Mg	mg/l	49.6
10.	Chlorides as Cl	mg/l	134
11.	Fluorides as F	mg/l	0.22
12.	Nitrates as NO ₃ ⁻	mg/l	18.9
13.	Sulphates as SO ₄ ²⁻	mg/l	89.6
14.	Silica as SiO ₂	mg/l	6.54
15.	Iron as Fe	mg/l	0.04
16.	Total Bacterial Count	CFU/ml	112

Note: All the parameters are analyzed as per APHA methods 23rd Edition, 2017.


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Thanking You,

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Ref: SVELC/SRKGAC/18-10/01

Date: 31-10-2018

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : AMBIENT AIR QUALITY

SOURCE OF COLLECTION : Near M.Sc Class Room

DATE & TIME OF START : 10-10-2018@ 09:30hr

DURATION OF SAMPLING : 24 Hours

ATMOSPHERE CONDITION : Clear Sky

TEST REPORT

S.No	PARAMETER	UNIT	RESULT	NAAQ STANDARDS	METHOD
1.	Particulate Matter(Size<10 μ) or PM ₁₀	$\mu\text{g}/\text{m}^3$	41.5	100	IS:5182 (P-23) Gravimetric
2.	Particulate Matter(Size<2.5 μ) or PM _{2.5}	$\mu\text{g}/\text{m}^3$	15.8	60	IS:5182 (P-24) Gravimetric
3.	Sulphur Dioxide – SO ₂	$\mu\text{g}/\text{m}^3$	9.7	80	IS:5182 (P-2)- West and Gaeke Method
4.	Oxides of Nitrogen - NO _x	$\mu\text{g}/\text{m}^3$	8.5	80	IS:5182(P-6) - Jacob & Hochheiser Method

Remarks: As per the Above Report, all the parameters are within NAAQ Standards.


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Ref: SVELC/SRKGAC/18-10/02

Dates: 31-10-2018

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : NOISE LEVELS

DATE OF COLLECTION : 10-10-2018

TEST REPORT

S.No.	SOURCE OF COLLECTION	Noise levels measured in
		Leq(db)
1.	Near M.Sc Class Room	Day 33.2
2.	Near Library	31.2
3.	Near Chemistry Lab	32.6
WHO GUIDELINES		35.0

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Date: 31-10-2018

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : WATER

SOURCE OF COLLECTION : MUNICIPAL WATER

DATE OF COLLECTION : 10-10-2018

TEST REPORT

S.No	Parameter	Unit	Result
1.	Colour	Hazen	<1.0
2.	Turbidity	NTU	<0.01
3.	pH	-	7.47
4.	Electrical conductivity	µmhos	232
5.	Total Dissolved Solids	mg/l	130
6.	Total Alkalinity as CaCO ₃	mg/l	57.4
7.	Total Hardness as CaCO ₃	mg/l	96.1
8.	Calcium as Ca	mg/l	25.5
9.	Magnesium as Mg	mg/l	7.87
10.	Chlorides as Cl	mg/l	19.6
11.	Fluorides as F	mg/l	0.06
12.	Nitrates as NO ₃ ⁻	mg/l	0.84
13.	Sulphates as SO ₄ ²⁻	mg/l	36.5
14.	Silica as SiO ₂	mg/l	1.19
15.	Iron as Fe	mg/l	0.05
16.	Total Bacterial Count	CFU/ml	32

Note: All the parameters are analyzed as per APHA methods 23rd Edition, 2017.


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Date: 31-10-2018

NAME AND ADDRESS : M/s. SRK GOVT ARTS COLLEGE,
YANAM.

SAMPLE PARTICULARS : WATER

SOURCE OF COLLECTION : BORE WATER

DATE OF COLLECTION : 10-10-2018

TEST REPORT

S.No	Parameter	Unit	Result
1.	Colour	Hazen	<1.0
2.	Turbidity	NTU	0.07
3.	pH	-	7.43
4.	Electrical conductivity	μ mhos	1008
5.	Total Dissolved Solids	mg/l	641
6.	Total Alkalinity as CaCO ₃	mg/l	432
7.	Total Hardness as CaCO ₃	mg/l	350
8.	Calcium as Ca	mg/l	62.9
9.	Magnesium as Mg	mg/l	47.0
10.	Chlorides as Cl	mg/l	123
11.	Fluorides as F	mg/l	0.20
12.	Nitrates as NO ₃ ⁻	mg/l	19.5
13.	Sulphates as SO ₄ ²⁻	mg/l	84.1
14.	Silica as SiO ₂	mg/l	6.51
15.	Iron as Fe	mg/l	0.05
16.	Total Bacterial Count	CFU/ml	122

Note: All the parameters are analyzed as per APHA methods 23rd Edition, 2017.

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