



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com



TC - 10289

TEST REPORT

ULR No.	TC10289000000025F		
Test Report No. TR/AAQ/2022/03/24-001	Issue Date: 24.03.2022		
Issued to:	M/s India Glycols Limited (Herbal Extraction Unit) Plot No. 2 - 5, Pharma City, Selaqui, Dehradun		
Type of Sample:	Ambient Air		
Sampling Location:	Near Main Gate		
Date of Sampling:	14.03.2022 to 15.03.2022		
Sample Drawn by:	Sampling by Laboratory		
Packing, Marking & Seal:	Envelop marked as "MG-1" & Absorbing Solution in Reagent Bottle Mark "MG-1"		
Sampling Plan & Method:	IS: 5182 (P-14)		
Date of Sample Receiving:	17.03.2022		
Time of Sampling:	24 Hrs. (0930 Hrs to 0930 Hrs)		
Testing Protocol:	National Ambient Air Quality Standards (NAAQS), 2009		
Environment Conditions:	Temperature	Humidity	Weather Condition
	19°C	21%	Sunny day
Analysis Duration:	19.03.2022 to 21.03.2022		

RESULTS

S.No	Test Parameters	Units	Results	Limits as per NAAQS, 2009	Test Method
1.	Particulate Matter (PM _{2.5})	µg/m ³	43.77	60	IS:5182 (24): 2019
2.	Particulate Matter (PM ₁₀)	µg/m ³	87.35	100	IS:5182 (23): 2006
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.90	80	IS :5182 (2): 2001
4.	Nitrogen Oxides (as NO ₂)	µg/m ³	28.11	80	IS :5182 (6): 2006
5.	Ozone (O ₃)	µg/m ³	BDL	100	IS :5182 (IX)-1974 R 2003
6.	Ammonia (NH ₃)	µg/m ³	BDL	400	IS:5182 (25): 2018

BDL- Below Detection Limit (Detection Limit: Ozone - 10.0 µg/m³, Ammonia - 10.0 µg/m³).

End of Report

Sati
(Checked by)
(Deepak Sati)

Pathak
(Authorized Signatory)

Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, PSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com



TEST REPORT

ULR No.	TC10289000000026F		
Test Report No. TR/AAQ/2022/03/24-002	Issue Date: 24.03.2022		
Issued to:	M/s India Glycols Limited (Herbal Extraction Unit) Plot No. 2 - 5, Pharma City, Selaqui, Dehradun		
Type of Sample:	Ambient Air		
Sampling Location:	Near Boiler		
Date of Sampling:	14.03.2022 to 15.03.2022		
Sample Drawn by:	Sampling by Laboratory		
Packing, Marking & Seal:	Envelop marked as "B-1" & Absorbing Solution in Reagent Bottle Mark "B-1"		
Sampling Plan & Method:	IS: 5182 (P-14)		
Date of Sample Receiving:	17.03.2022		
Time of Sampling:	24 Hrs. (0940 Hrs to 0940 Hrs)		
Testing Protocol:	National Ambient Air Quality Standards (NAAQS), 2009		
Environment Conditions:	Temperature 21°C	Humidity 22%	Weather Condition Sunny day
Analysis Duration:	19.03.2022 to 21.03.2022		

RESULTS

S.No	Test Parameters	Units	Results	Limits as per NAAQS, 2009	Test Method
1.	Particulate Matter (PM _{2.5})	µg/m ³	43.05	60	IS:5182 (24): 2019
2.	Particulate Matter (PM ₁₀)	µg/m ³	84.08	100	IS:5182 (23): 2006
3.	Sulphur Dioxide (SO ₂)	µg/m ³	8.81	80	IS :5182 (2): 2001
4.	Nitrogen Oxides (as NO ₂)	µg/m ³	17.68	80	IS :5182 (6): 2006
5.	Ozone (O ₃)	µg/m ³	BDL	100	IS :5182 (IX)-1974 R 2003
6.	Ammonia (NH ₃)	µg/m ³	BDL	400	IS:5182 (25): 2018

BDL- Below Detection Limit (Detection Limit: Ozone - 10.0 µg/m³, Ammonia - 10.0 µg/m³).

End of Report

Sati
(Checked by)
(Deepak Sati)

Pathak
(Authorized Signatory)

Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22060, FSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com



TEST REPORT

ULR No.	TC10289000000027F		
Test Report No. TR/AAQ/2022/03/24-003	Issue Date: 24.03.2022		
Issued to:	M/s India Glycols Limited (Herbal Extraction Unit) Plot No. 2 - 5, Pharma City, Selaqui, Dehradun		
Type of Sample:	Ambient Air		
Sampling Location:	Near STP cum ETP		
Date of Sampling:	15.03.2022 to 16.03.2022		
Sample Drawn by:	Sampling by Laboratory		
Packing, Marking & Seal:	Envelop marked as "S-1" & Absorbing Solution in Reagent Bottle Mark "S-1"		
Sampling Plan & Method:	IS: 5182 (P-14)		
Date of Sample Receiving:	17.03.2022		
Time of Sampling:	24 Hrs. (1030 Hrs to 1030 Hrs)		
Testing Protocol:	National Ambient Air Quality Standards (NAAQS), 2009		
Environment Conditions:	Temperature	Humidity	Weather Condition
	24°C	19%	Sunny day
Analysis Duration:	19.03.2022 to 21.03.2022		

RESULTS

S.No	Test Parameters	Units	Results	Limits as per NAAQS, 2009	Test Method
1.	Particulate Matter (PM _{2.5})	µg/m ³	41.26	60	IS:5182 (24): 2019
2.	Particulate Matter (PM ₁₀)	µg/m ³	83.81	100	IS:5182 (23): 2006
3.	Sulphur Dioxide (SO ₂)	µg/m ³	11.15	80	IS :5182 (2): 2001
4.	Nitrogen Oxides (as NO ₂)	µg/m ³	19.38	80	IS :5182 (6): 2006
5.	Ozone (O ₃)	µg/m ³	BDL	100	IS :5182 (IX)-1974 R 2003
6.	Ammonia (NH ₃)	µg/m ³	BDL	400	IS:5182 (25): 2018

BDL- Below Detection Limit (Detection Limit : Ozone - 10.0 µg/m³, Ammonia -10.0 µg/m³).

End of Report

Sati
(Checked by)
(Deepak Sati)

Halway
(Authorized Signatory)
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com



TEST REPORT

ULR No.	TC10289000000028F		
Test Report No. TR/AAQ/2022/03/24-004	Issue Date: 24.03.2022		
Issued to:	M/s India Glycols Limited (Herbal Extraction Unit) Plot No. 2 - 5, Pharma City, Selaqui, Dehradun		
Type of Sample:	Ambient Air		
Sampling Location:	Near Solvent Yard		
Date of Sampling:	15.03.2022 to 16.03.2022		
Sample Drawn by:	Sampling by Laboratory		
Packing, Marking & Seal:	Envelop marked as "SY-1" & Absorbing Solution in Reagent Bottle Mark "SY-1"		
Sampling Plan & Method:	IS: 5182 (P-14)		
Date of Sample Receiving:	17.03.2022		
Time of Sampling:	24 Hrs. (1040 Hrs to 1040 Hrs)		
Testing Protocol:	National Ambient Air Quality Standards (NAAQS), 2009		
Environment Conditions:	Temperature	Humidity	Weather Condition
	26°C	21%	Sunny day
Analysis Duration:	19.03.2022 to 21.03.2022		

RESULTS

S.No	Test Parameters	Units	Results	Limits as per NAAQS, 2009	Test Method
1.	Particulate Matter (PM _{2.5})	µg/m ³	41.92	60	IS:5182 (24): 2019
2.	Particulate Matter (PM ₁₀)	µg/m ³	82.13	100	IS:5182 (23): 2006
3.	Sulphur Dioxide (SO ₂)	µg/m ³	9.30	80	IS :5182 (2): 2001
4.	Nitrogen Oxides (as NO ₂)	µg/m ³	18.28	80	IS :5182 (6): 2006
5.	Ozone (O ₃)	µg/m ³	BDL	100	IS :5182 (IX)-1974 R 2003
6.	Ammonia (NH ₃)	µg/m ³	BDL	400	IS:5182 (25): 2018

BDL- Below Detection Limit (Detection Limit : Ozone - 10.0 µg/m³, Ammonia -10.0 µg/m³).

End of Report

Sati
(Checked by)
(Deepak Sati)

Pathak
(Authorized Signatory)
Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSCI: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com




TC - 10289

TEST REPORT

ULR No.	: TC10289000000030F
Test Report No: TR/SM/2022/03/24-002	: Issued Date: 24.03.2022
Issued to	: M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, selaqui, Dehradun Uttarakhand
Sample Description	: Stack Emission
Sampling Location	: Boiler
Date of Sampling	: 14.03.2022
Capacity (TPH/ KVA/ Kg/Hr)	: 6 TPH
Type of Stack (Metal/RCC/Brick)	: Metal
Shape of Stack (Circular/Rectangular)	: Circular
Diameter of Stack (Meter)	: 1.2
Height of Stack from Ground Level (M)	: 42
Type of Fuel used (HSD/FO/Coal etc.)	: Briquette
Fuel consumed per Hour	: --
Ambient Temperature (°C)	: 31
Stack Temperature (°C)	: 142
Average velocity of emission (m/sec)	: 11.32
Average Flow Rate (LPM)	: 16.0
Duration of Sampling (min.)	: 39 (1520 Hrs. to 1559 Hrs.)
Sampling Protocol	: IS: 11255 & Customer Requirement
Sampling Packing & Marking	: Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	: Sampling by Laboratory
Environmental Condition	: Sunny Day
Date of Receipt of Sample:	: 17.03.2022
Analysis Duration	: 17.03.2022 to 21.03.2022

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM) @ 12% CO ₂ correction	mg/Nm ³	177.97	800	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	68.03	600	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	mg/Nm ³	59.21	300	IS: 11255 (P-7) 2005

End of Report


(Checked By)
(Deepale Sati)


(Authorized Signatory)
ANSHU SINGH
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabisp@gmail.com




TEST REPORT

ULR No.	:	TC10289000000031F
Test Report No: TR/SM/2022/03/24-003	:	Issued Date: 24.03.2022
Issued to	:	M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, selaqui, Dehradun Uttarakhand
Sample Description	:	Stack Emission
Sampling Location	:	DG-1
Date of Sampling	:	15.03.2022
Capacity (TPH/ KVA/ Kg/Hr)	:	750 KVA
Type of Stack (Metal/RCC/Brick)	:	Metal
Shape of Stack (Circular/Rectangular)	:	Circular
Diameter of Stack (Meter)	:	0.3
Height of Stack from Ground Level (M)	:	18
Type of Fuel used (HSD/FO/Coal etc.)	:	HSD
Fuel consumed per Hour	:	--
Ambient Temperature (°C)	:	32
Stack Temperature (°C)	:	341
Average velocity of emission (m/sec)	:	13.56
Average Flow Rate (LPM)	:	28.0
Duration of Sampling (min.)	:	21.0 (1110 Hrs. to 11131 Hrs.)
Sampling Protocol	:	IS: 11255 & Customer Requirement
Sampling Packing & Marking	:	Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	:	Sampling by Laboratory
Environmental Condition	:	Sunny Day
Date of Receipt of Sample:	:	17.03.2022
Analysis Duration	:	17.03.2022 to 21.03.2022

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM)	gm/Kw-hr	0.125	0.3	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	gm/Kw-hr	0.108	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	gm/Kw-hr	0.137	9.2	IS: 11255 (P-7) 2005

End of Report


(Checked By)
(Deepak Sati)


(Authorized Signatory)

Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSCI: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com



TC - 10289

TEST REPORT

ULR No.	TC10289000000032F
Test Report No: TR/SM/2022/03/24-004	Issued Date: 24.03.2022
Issued to	M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, selaqui, Dehradun Uttarakhand
Sample Description	Stack Emission
Sampling Location	DG-2
Date of Sampling	15.03.2022
Capacity (TPH/ KVA/ Kg/Hr)	750 KVA
Type of Stack (Metal/RCC/Brick)	Metal
Shape of Stack (Circular/Rectangular)	Circular
Diameter of Stack (Meter)	0.3
Height of Stack from Ground Level (M)	18
Type of Fuel used (HSD/FO/Coal etc.)	HSD
Fuel consumed per Hour	-
Ambient Temperature (°C)	32
Stack Temperature (°C)	350
Average velocity of emission (m/sec)	13.93
Average Flow Rate (LPM)	28
Duration of Sampling (min.)	21 (1415 Hrs. to 1436 Hrs.)
Sampling Protocol	IS: 11255 & Customer Requirement
Sampling Packing & Marking	Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	Sampling by Laboratory
Environmental Condition	Sunny Day
Date of Receipt of Sample:	17.03.2022
Analysis Duration	17.03.2022 to 21.03.2022

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM)	gm/Kw-hr	0.148	0.3	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	gm/Kw-hr	0.131	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	gm/Kw-hr	0.139	9.2	IS: 11255 (P-7) 2005

End of Report

Sati

(Checked By)

(Deepak Sati)

Pathak

(Authorized Signatory)

Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any legal action without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igflabksp@gmail.com




TC - 10289

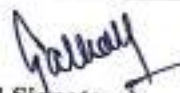
TEST REPORT

ULR No.	:	TC10289000000033F
Test Report No: TR/SM/2022/03/24-005	:	Issued Date: 24.03.2022
Issued to	:	M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, selaqui, Dehradun Uttarakhand
Sample Description	:	Stack Emission
Sampling Location	:	DG-3
Date of Sampling	:	16.03.2022
Capacity (TPH/ KVA/ Kg/Hr)	:	1000 KVA
Type of Stack (Metal/RCC/Brick)	:	Metal
Shape of Stack (Circular/Rectangular)	:	Circular
Diameter of Stack (Meter)	:	0.3
Height of Stack from Ground Level (M)	:	18
Type of Fuel used (HSD/FO/Coal etc.)	:	HSD
Fuel consumed per Hour	:	--
Ambient Temperature (°C)	:	35
Stack Temperature (°C)	:	356
Average velocity of emission (m/sec)	:	14.29
Average Flow Rate (LPM)	:	29
Duration of Sampling (min.)	:	21 (1120 Hrs. to 1141 Hrs.)
Sampling Protocol	:	IS: 11255 & Customer Requirement
Sampling Packing & Marking	:	Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	:	Sampling by Laboratory
Environmental Condition	:	Sunny Day
Date of Receipt of Sample:	:	17.03.2022
Analysis Duration	:	17.03.2022 to 21.03.2022

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM) @ 15% O ₂ correction	gm/Kw-hr	0.121	0.3	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	gm/Kw-hr	0.052	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	gm/Kw-hr	0.110	9.2	IS: 11255 (P-7) 2005

End of Report


(Checked By)
Deepale Sati


(Authorized Signatory)
Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSC: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabksp@gmail.com



TC - 10289

TEST REPORT

ULR No.		TC10289000000039F			
Test Report No: TLR/17/03/24-001		Issued Date: 24.03.2022			
Issued to:		M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, Selaqui, Dehradun Uttarakhand			
Type of Sample:		Waste Water			
Sampling Location:		STP Cum ETP Outlet			
Sample Quantity:		2 Liter + 1 Liter			
Date of Sampling:		16.03.2022			
Sampling Protocol:		IS:3025 (P-1)			
Sample Packaging & Marking:		Plastic Bottle Marked "1" & Glass Bottle Marked "1"			
Sample Drawn by:		Sampling by Laboratory			
Environmental Condition:		Sunny day			
Date of Receipt of Sample:		17.03.2022			
Analysis Duration:		17.03.2022 to 21.03.2022			
S.No	Test Parameters	Units	Results	Limits	Test Method
A Physical Parameters					
1.	pH value@°C	-	7.68 @26.2°C	5.5 to 9.0	IS: 3025(P-11) 1983 R-2002
2.	Total Suspended Solids	mg/l	52.0	100	IS: 3025(P-17) 1984 R-2002
B Chemical Parameters					
3.	Chemical Oxygen Demand (COD)	mg/l	88.0	250	IS: 3025 (P-58) 2006
4.	Biochemical Oxygen Demand (BOD)@27°C for 3 Days	mg/l	26.0	30	IS: 3025 (P-44) 1993
5.	Oil & Grease	mg/l	<4.0	10	IS: 3025(P-39)

End of Report

(Checked By)

(Deepak Sati)

(Authorized Signatory)
DR. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.



INDIA GLYCOLS LIMITED, LABORATORY

(A unit of India Glycols Limited, an ISO: 9001, ISO: 14001, OHSAS: 18001, ISO: 22000, FSSCI: 22000, SA: 8000, ISO: 50001 certified Company)

A-1, Industrial Area Bazpur Road, Kashipur
District - Udham Singh Nagar - 244713 (Uttarakhand)
Email: igllabsp@gmail.com



TC - 10289

TEST REPORT

ULR No.	:	TC10289000000029F
Test Report No: TR/SM/2022/03/24-001	:	Issued Date: 24.03.2022
Issued to	:	M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, selaqui, Dehradun Uttarakhand
Sample Description	:	Stack Emission
Sampling Location	:	Boiler
Date of Sampling	:	14.03.2022
Capacity (TPH/ KVA/ Kg/Hr)	:	4 TPH
Type of Stack (Metal/RCC/Brick)	:	Metal
Shape of Stack (Circular/Rectangular)	:	Circular
Diameter of Stack (Meter)	:	1.2
Height of Stack from Ground Level (M)	:	42
Type of Fuel used (HSD/FO/Coal etc.)	:	Briquette
Fuel consumed per Hour	:	--
Ambient Temperature (°C)	:	32
Stack Temperature (°C)	:	136
Average velocity of emission (m/sec)	:	11.20
Average Flow Rate (LPM)	:	16
Duration of Sampling (min.)	:	39 (1110 Hrs. to 1149 Hrs.)
Sampling Protocol	:	IS: 11255 & Customer Requirement
Sampling Packing & Marking	:	Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	:	Sampling by Laboratory
Environmental Condition	:	Sunny Day
Date of Receipt of Sample:	:	17.03.2022
Analysis Duration	:	17.03.2022 to 21.03.2022

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM) @ 12% CO ₂ correction	mg/Nm ³	139.68	800	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	63.62	600	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	mg/Nm ³	79.35	300	IS: 11255 (P-7) 2005

End of Report

Sati
(Checked By)
(Deepak Sati)

Chakresh Pathak
(Authorized Signatory)

Dr. CHAKRESH PATHAK
QUALITY MANAGER
INDIA GLYCOLS LIMITED
LABORATORY
Kashipur (U.S. Nagar)

Note:

- 1) The test report refers only to tested sample and applicable parameters.
- 2) This report can neither be used as evidence in the court of law nor can it be used in part or full in any legal proceedings without the permission.
- 3) This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- 4) The Test sample will be disposed off after one week from the date of issue of test report, unless until specified by the customer.