

(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

Annexure-VIII

Test Report No: TR/SM/2020/08/17-001	:	Issued Date: 17.08.2020		
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	:	10.08.2020		
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.)	:	Briqutte		
Fuel consumed per Hour	:			
Ambient Temperature (°C)	:	34		
Stack Temperature (°C)		132		
Average velocity of emission (m/sec)	:	10.95		
Average Flow Rate (LPM)		15.0		
Duration of Sampling (min.)		39 (1110 Hrs. to 1149 Hrs.)		
Sampling Protocol	:	IS: 11255 & Customer Requirement		
Sampling Packing & Marking	15 6 C 12	Sealed Zip Poly bag & Plastic bottles		
Sample Drawn By	:	Mr. Deepak Sati & Team		
Environmental Condition	:	Sunny Day		
Date of Receipt of Sample:	:	12.08.2020		
Analysis Duration	:	12.08.2020 to 13.08.2020		

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM) @ 12% CO ₂ correction	mg/Nm ³	374.88	800	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	61.27	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	mg/Nm ³	69.82	NA	IS: 11255 (P-7) 2005

End of Report

Pradeep Pathak Checked By)

Note:

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TEST REPORT

Test Report No: TR/SM/2020/08/17-002		Issued Date: 17.08.2020
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	:	10.08.2020
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)		33
Stack Temperature (°C)	:	335
Average velocity of emission (m/sec)	:	12.56
Average Flow Rate (LPM)	:	26.0
Duration of Sampling (min.)	:	23.0 (1615 Hrs. to 1638 Hrs.)
Sampling Protocol	:	IS: 11255 & Customer Requirement
Sampling Packing & Marking		Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	:	Mr. Deepak sati & Team
Environmental Condition	:	Sunny Day
Date of Receipt of Sample:	:	12.08.2020
Analysis Duration	:	12.08.2020 to 13.08.2020
	The second second	

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM)	gm/Kw-hr	0.130	0.3	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	gm/Kw-hr	0.117	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	gm/Kw-hr	0.121	9.2	IS: 11255 (P-7) 2005

End of Report

(Pradeep Pathate) (Checked By)

(Authorized Signatory)

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TEST REPORT

Test Report No: TR/SM/2020/08/17-003	:	Issued Date: 17.08.2020
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	:	11.08.2020
Capacity (TPH/ KVA/ Kg/Hr)	:	750 KVA
Type of Stack (Metal/RCC/Brick)	:	Metal
Shape of Stack (Circular/Rectangular)	:	Circular
Diameter of Stack (Meter)	1/4	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)	:	34
Stack Temperature (°C)	11 :	358
Average velocity of emission (m/sec)	:	14.87
Average Flow Rate (LPM)	:	13.0
Duration of Sampling (min.)	:	45 (1015 Hrs. to 1055 Hrs.)
Sampling Protocol	:	IS: 11255 & Customer Requirement
Sampling Packing & Marking		Sealed Zip Poly bag & Plastic bottles
Sample Drawn By	:	Mr. Deepak sati & Team
Environmental Condition	:	Sunny Day
Date of Receipt of Sample:	:	12.08.2020
Analysis Duration	:	12.08.2020 to 13.08.2020
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S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM)	gm/Kw-hr	0.147	0.3	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	gm/Kw-hr	0.118	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	gm/Kw-hr	0.143	9.2	IS: 11255 (P-7) 2005

End of Report

(Pradeep Pathak) (Checked By)



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- 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.



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TEST REPORT

Test Report No: TR/SM/2020/08/17-004	:	Issued Date: 17.08.2020
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	:	11.08.2020
Capacity (TPH/ KVA/ Kg/Hr)	:	1000 KVA
Type of Stack (Metal/RCC/Brick)	:	Metal
Shape of Stack (Circular/Rectangular)		Circular
Diameter of Stack (Meter)	27 1	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)		348
Average velocity of emission (m/sec)	:	14.42
Average Flow Rate (LPM)		13.0
Duration of Sampling (min.)		46.0 (1430 Hrs. to 1516 Hrs.)
Sampling Protocol		IS: 11255 & Customer Requirement
Sampling Packing & Marking		Sealed Zip Poly bag & Plastic bottles
Sample Drawn By		Mr. Deepak sati & Team
Environmental Condition	:	Sunny Day
Date of Receipt of Sample:	:	12.08.2020
Analysis Duration		12.08.2020 to 13.08.2020

S.No	Test Parameter	Unit	Results	Limits	Test Method
1.	Particulate Matter (PM) @ 15% O ₂ correction	gm/Kw-hr	0.173	0.3	IS: 11255 (P-1) 1985
2.	Sulphur Dioxide (SO ₂)	gm/Kw-hr	0.046	NA	IS: 11255 (P-2) 1985
3.	Nitrogen Oxides (as NO _x)	gm/Kw-hr	0.105	9.2	IS: 11255 (P-7) 2005

End of Report

(Pradeup Pathati) (Checked By)

(Authorized Signatory)

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District - Udham Singh Nagar - 244713 (Uttarakhand)

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TEST REPORT

Test R	eport No. GNTR/AAQ/2	2020/08/17-001		Issue Date: 17.0	8,2020		
Issued		M/s India Glycols Limited, Herbal Extraction Unit					
		Plot No. 2 - 5, P	harma City,	Selaqui, Dehradun			
		Uttarakhand					
Type o	f Sample:	Work zone Air					
	ing Location:	Solvent Area					
	f Sampling:	11.08.2020					
	of Collection of Sample:	Sampling by Lal					
Packing, Marking & Seal:		Envelop marked as "SR-1" & Absorbing Solution in Reagent Bottle Mark "SR-1"					
Sample Drawn by:		Mr. Deepak Sati & Team					
Date of	f Sample Receiving:	12.08.2020					
Time o	of Sampling:	8 Hrs. (0930 Hrs to 1730 Hrs)					
Enviro	nmental Condition:	Sunny Day					
Analysis Duration: 1		12.08.2020 to 15.08.2020					
			RESULTS				
S.No	Test Parameters	Units	Results	Permissible Limits (Factories Act 1948)	Test Method		
1.	Suspended Particulate Ma	tter mg/m ³	0.623	10	IS :5182 (4) 1999		
2	Sulphur Dioxide (SO ₂)	mg/m ³	0.065	5.0	IS:5182(2)2001		
3.	Nitrogen Oxides (as NO ₂)	mg/m ³	0.298	6.0	IS :5182 (6) 2006		

End of Report

(Pradeep Pathat) (Checked by) (Authorited States ory)

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A-1, Industrial Area Bazpur Road, Kashipur

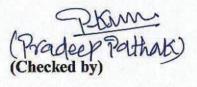
District - Udham Singh Nagar - 244713 (Uttarakhand)

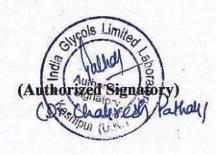
Email: igllabksp@gmail.com

TEST REPORT

Test R	eport No. GNTR/AAQ/2	2020/08/17-002		Issue Date: 17.0	8.2020			
Issued	- A		M/s India Glycols Limited, Herbal Extraction Unit					
Plot		Plot No. 2 - 5, P	harma City,	Selaqui, Dehradun				
		Uttarakhand						
Туре о	f Sample:	Work zone Air						
Sampli	ing Location:	CO ₂ Recovery						
Date of	f Sampling:	11.08.2020						
Mode o	of Collection of Sample:	Sampling by La						
Packin	g, Marking & Seal:	Envelop marked "C-1"	i as "C-1" &	& Absorbing Solution in	Reagent Bottle Mark			
Sample	e Drawn by:	Mr. Deepak Sati & Team						
Date of	f Sample Receiving:	12.08.2020						
Time o	of Sampling:	8 Hrs. (1000 Hrs to 1800 Hrs)						
Enviro	nmental Condition:	Sunny Day	Sunny Day					
Analys	sis Duration:	12.08.2020 to 1:	5.08.2020					
]	RESULTS					
S.No	Test Parameters	Units	Results	Permissible Limits (Factories Act 1948)	Test Method			
1.	Suspended Particulate Ma	tter mg/m ³	0.299	10	IS:5182 (4) 1999			
2	Sulphur Dioxide (SO ₂)	mg/m³	0.075	5.0	IS:5182(2)2001			
3.	Nitrogen Oxides (as NO ₂)	mg/m ³	0.184	6.0	IS :5182 (6) 2006			

End of Report





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TEST REPORT

Annexure-X

Test Report No. TR/AAQ/2020	0/08/17-001	Issue Date: 17.08.2020			
Issued to:	M/s India Glycols Limited, Herbal Extraction Unit				
	Plot No. 2 – 5, Pharma City, Selaqui, Dehradun				
	Uttarakhand				
Type of Sample:	Ambient Air				
Sampling Location:	Near Main Gate				
Date of Sampling:	10.08.2020 to 11.08.2020				
Mode of Collection of Sample:	Sampling by Laboratory				
Packing, Marking & Seal:	Envelop marked as "MG-1" Absorbing Solution in Reagent Bottle Marked				
	"MG-1"				
Sampling Protocol:	IS: 5182 (P-14)				
Sample Drawn by:	Mr. Deepak Sati & Team				
Date of Sample Receiving:	12.08.2020				
Time of Sampling:	24 Hrs (0900 Hrs. to 0900 H	rs.)			
Testing Protocol:	National Ambient Air Qualit	y Standards (NAAQS) 2009			
Environmental Condition:	Sunny day				
Analysis Duration:	12.08.2020 to 15.08.2020				
	RESULTS				

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S.No	Test Parameters	Units	Results	NAAQS, 2	009	Test Method	
	D (: 14)(() (D)()	3	27.72	Annual*	40	US EPA 40 CFR(P-50)	
1.	Particulate Matter (PM _{2.5})	μg/m³	37.73	24 Hours**	60	US EFA 40 CFK(F-30)	
•	D. C. L. M. W. (DM.)	13	81.99	Annual*	60	IS:5182 (23) 2006	
2	Particulate Matter (PM ₁₀)	μg/m³	81.99	24 Hours**	100	15.5162 (25) 2000	
2	G 1 1 Pi 11 (GO) / 3 1000	Annual*	50	IS :5182 (2) 2001			
3.	Sulphur Dioxide (SO ₂)	μg/m³	12.33	24 Hours**	80	15 .5162 (2) 2001	
	NT 0 11- (NO)	3	10.50	Annual*	40	TC .5192 (6) 2006	
4.	Nitrogen Oxides (as NO ₂)	μg/m³	18.50	24 Hours**	80	IS :5182 (6) 2006	
		3	DDI	Annual*	100	APHA IInd Ed. 1977	
5.	Ammonia	μg/m³	BDL	24 Hours**	400	Method -801	
,	6. Ozone (8 Hours) μg/m³ BDL	8 Hours*	100	IS :5182 (IX)-1974 R			
6.		1 Hour**	180	2003			

*Annual Arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform interval.

**24 hourly 08 hourly or 1 hourly monitored values, as applicable shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

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

End of Report

(Checked by) 924 (Pradeup Pat

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Email: igllabksp@gmail.com



TEST REPORT

Test Report No. TR/AAQ/2020	0/08/17-002	Issue Date: 17.08.2020			
Issued to:	M/s India Glycols Limited, Her Plot No. 2 – 5, Pharma City, Se Uttarakhand				
Type of Sample:	Ambient Air				
Sampling Location:	Near Boiler				
Date of Sampling:	10.08.2020 to 11.08.2020				
Mode of Collection of Sample:	Sampling by Laboratory				
Packing, Marking & Seal:	Envelop marked as "B-1" Absorbing Solution in Reagent Bottle Marked "1-1"				
Sampling Protocol:	IS: 5182 (P-14)				
Sample Drawn by:	Mr. Deepak Sati & Team				
Date of Sample Receiving:	12.08.2020				
Time of Sampling:	24 Hrs (0920 Hrs. to 0920 Hrs.				
Testing Protocol:	National Ambient Air Quality S	Standards (NAAQS) 2009			
Environmental Condition:	Sunny day				
Analysis Duration:	12.08.2020 to 15.08.2020				
	RESULTS				

S.No	Test Parameters	Units	Units Results NAAQS,		009	Test Method	
	Paris I and Market (DMC)	3	26.74	Annual*	40	US EPA 40 CFR(P-50)	
1.	Particulate Matter (PM _{2.5})	μg/m³	36.74	24 Hours**	60	US EFA 40 CFK(F-30)	
2	Destinate Matter (DM)	3	77.22	Annual*	60	IS:5182 (23) 2006	
2	Particulate Matter (PM ₁₀)	er (PM_{10}) µg/m ³ 77.33		24 Hours**	100	15.5162 (25) 2000	
2	G.11 Di 11 (GO) / 3 10 (G	Annual*	50	IS :5182 (2) 2001			
3.	Sulphur Dioxide (SO ₂)	μg/m³	10.68	24 Hours**	80	13 .3162 (2) 2001	
4	Ni O H (NO)	/3	17.45	Annual*	40	IS :5182 (6) 2006	
4.	Nitrogen Oxides (as NO ₂)	μg/m³	17.45	24 Hours**	80	15:5182 (0) 2000	
-		/_3	DDI	Annual*	100	APHA IInd Ed. 1977	
5.	Ammonia	μg/m³	BDL	24 Hours**	400	Method -801	
,	0 (811-)		DDI	8 Hours*	100	IS :5182 (IX)-1974 R	
6.	6. Ozone (8 Hours) μg/m ³ BD	BDL	1 Hour**	180	2003		

*Annual Arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform interval.

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

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TEST REPORT

Test Report No. TR/AAQ/2020	0/08/17-003	Issue Date: 17.08.2020					
Issued to:	M/s India Glycols Limited, Herbal Extraction Unit						
	Plot No. 2 – 5, Pharma City, Selaqui, Dehradun						
	Uttarakhand						
Type of Sample:	Ambient Air						
Sampling Location:	Near STP cum ETP						
Date of Sampling:	11.08.2020 to 12.08.2020						
Mode of Collection of Sample:	Sampling by Laboratory						
Packing, Marking & Seal:	Envelop marked as "SE-1" Absorbing Solution in Reagent Bottle Marked "SE-1"						
Sampling Protocol:	IS: 5182 (P-14)						
Sample Drawn by:	Mr. Deepak Sati & Team						
Date of Sample Receiving:	12.08.2020						
Time of Sampling:	24 Hrs (0930 Hrs. to 0930 Hrs.)						
Testing Protocol:	National Ambient Air Quality Star	ndards (NAAQS) 2009					
Environmental Condition:	Sunny day						
Analysis Duration:	12.08.2020 to 15.08.2020						
	RESULTS						

S.No	Test Parameters	Units	Results	NAAQS, 2009		Test Method
* *	D. C. L. Mary (DM)	3	20.27	Annual*	40	US EPA 40 CFR(P-50)
1.	Particulate Matter (PM _{2.5})	μg/m³	38.27	24 Hours**	60	- US EPA 40 CFK(P-30)
•	D C LA MARA (DM)	- /3	92.00	Annual*	60	TC-5192 (22) 2006
2	Particulate Matter (PM ₁₀)	μg/m³	82,96	24 Hours**	100	IS:5182 (23) 2006
•	Sulphur Dioxide (SO ₂) μg/m ³ 12.22	10.00	Annual*	50	TO .5192 (2) 2001	
3.		μg/m	12.22	24 Hours**	80	IS :5182 (2) 2001
	N		22.00	Annual*	40	YO .5192 (6) 2006
4.	Nitrogen Oxides (as NO ₂)	μg/m³	22.09	24 Hours**	80	IS :5182 (6) 2006
-				Annual*	100	APHA IInd Ed. 1977
5.	5. Ammonia μg/m³ BDL		24 Hours**	400	Method -801	
,	0 (011)	1.3	DDI	8 Hours*	100	IS:5182 (IX)-1974 R
6.	Ozone (8 Hours)	μg/m³	BDL	1 Hour**	180	2003

*Annual Arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform interval.

**24 hourly 08 hourly or 1 hourly monitored values, as applicable shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

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

End of Report

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TEST REPORT

Test Repo	rt No. TR/AAQ/2020	0/08/17-004		Issue Date: 17.08	8,2020			
Issued to:		M/s India Glycols Limited, Herbal Extraction Unit Plot No. 2 – 5, Pharma City, Selaqui, Dehradun Uttarakhand						
Type of Sa	imple:	Ambient Air						
Sampling l	Location:	Near Solvent Y	ard					
Date of Sa	mpling:	11.08.2020 to	11.08.2020 to 12.08.2020					
Mode of C	Collection of Sample:	Sampling by L	aboratory					
Packing, N	Marking & Seal:	Envelop marked as "SY-1" Absorbing Solution in Reagent Bottle Market "SY-1"						
Sampling l	Protocol:	IS: 5182 (P-14)					
Sample Dr		Mr. Deepak Sa	ti & Team					
Date of Sa	mple Receiving:	12.08.2020						
Time of Sa		24 Hrs (1000 H	Irs. to 1000 H	rs.)				
Testing Pro	otocol:	National Ambient Air Quality Standards (NAAQS) 2009						
Environme	ental Condition:	Sunny day						
Analysis D	Duration:	12.08.2020 to 15.08.2020						
			RESULTS					
S.No	Test Parameters	Units	Results	NAAQS, 2009	Test Method			

Results	NAAQS, 2009	Test

3.110	Test Parameters	Units	Results	NAAQS, 2	009	1 est Method
	D. J. L. M. (DM.)	μg/m³	29.02	Annual*	40	US EPA 40 CFR(P-50)
1.	Particulate Matter (PM _{2.5})	рулп	38.93	24 Hours**	60	US EFA 40 CFK(F*30)
2	Destinates Metter (DM)	/3	90.62	Annual*	60	IS:5182 (23) 2006
2	Particulate Matter (PM ₁₀)	μg/m ³ 80.63	24 Hours**	100	13.3182 (23) 2000	
2	3. Sulphur Dioxide (SO ₂) μg/m ³ 12.7	12.76	Annual*	50	IS :5182 (2) 2001	
3.	Sulphur Dioxide (SO ₂)	руш нуж	12.70	24 Hours**	80	15 .5162 (2) 2001
4	Nitragen Onides (es NO.)	μg/m ³	23.75	Annual*	40	IS :5182 (6) 2006
4.	Nitrogen Oxides (as NO ₂)	µg/ш	23.73	24 Hours**	80	13 .3182 (0) 2000
5.	A	μg/m³	BDL	Annual*	100	APHA IInd Ed. 1977
3.	Ammonia	μg/m	BDL	24 Hours**	400	Method -801
6	O (8 H)	/3	DDI	8 Hours*	100	IS :5182 (IX)-1974 R
6.	Ozone (8 Hours)	μg/m³	BDL	1 Hour**	180	2003

*Annual Arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform interval.

BDL - Below Detection Limit (Detection Limit - Ozone - 10.0 µg/m³)

End of Report

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^{**24} hourly 08 hourly or 1 hourly monitored values, as applicable shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.



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

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Annexure- VII

TEST REPORT

Test I	Report No. TR/NQ/2020	Mess me		Issue Date:	17.08.2020			
Issued	to:	Plot No.	M/s India Glycols Limited, Herbal Extraction Unit Plot No. 2 – 5, Pharma City, Selaqui, Dehradun Uttarakhand					
Type o	of Sample:	Ambient	Noise					
Sampling Location: Near D.C.			. Set					
Date o	of Sampling:	11.08.202	11.08.2020					
Sampl	ing Protocol:	IS: 9989: 1981 Reff. 2001						
Sampl	le Drawn by:	Mr. Deep	Mr. Deepak Sati & Team					
Date o	of Receipt of Sample:	12.08.202	12.08.2020					
Date o	of Reporting:	13.08.202	13.08.2020					
			RESU	LTS				
S.No	Test Parameters		Unit	Result	Standards*	Test Method		
1.	Average Noise Level Day Time (1 Hour Leq)		dB (A)	71.2	75	IS: 9989: 1981 Reff. 2001		

Standards: Noise-Ambiebt Air Quality for Industrial Area

End of Report

(Pradeep Pathala) (Checked by)



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TEST REPORT

Test Report No. TR/NQ/2020/08/17-002					Issue Date:	17.08.2020		
Issued	l to:	M/s India Glycols Limited, Herbal Extraction Unit Plot No. 2 – 5, Pharma City, Selaqui, Dehradun Uttarakhand						
Type o	of Sample:	Ambient	Noise					
Sampl	ling Location:	Near Mai	in Gate					
Date of Sampling: 11.0			11.08.2020					
Sampl	ling Protocol:	IS: 9989:	IS: 9989: 1981 Reff. 2001					
Sampl	le Drawn by:	Mr. Deep	Mr. Deepak Sati & Team					
Date o	of Receipt of Sample:	12.08.202	12.08.2020					
Date o	of Reporting:	13.08.202	13.08.2020					
			RESU	LTS				
S.No	o Test Parameters		Unit	Result	Standards*	Test Method		
1.	Average Noise Level II (1 Hour Leq)	ay Time	dB (A)	71.6	75	IS: 9989: 1981 Reff. 2001		

Standards: Noise-Ambiebt Air Quality for Industrial Area

End of Report

Checked by

(Authorized Stynatory)

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TEST REPORT

Test Report No. TR/NQ/2020/08/17-003					Issue Date:	17.08.2020		
Issued	to:	Plot No. 2	M/s India Glycols Limited, Herbal Extraction Unit Plot No. 2 – 5, Pharma City, Selaqui, Dehradun Uttarakhand					
Type o	of Sample:	Ambient	Noise					
Sampling Location: Near			ler					
Date o	of Sampling:	11.08.202	11.08.2020					
Sampl	ling Protocol:	IS: 9989: 1981 Reff. 2001						
Sampl	le Drawn by:	Mr. Deep	Mr. Deepak Sati & Team					
Date o	of Receipt of Sample:	12.08.202	12.08.2020					
Date o	of Reporting:	13.08.202	13.08.2020					
			RESU	LTS				
S.No	Test Parameters		Unit	Result	Standards*	Test Method		
1.	Average Noise Level Day Time (1 Hour Leq)		dB (A)	72.6	75	IS: 9989: 1981 Reff. 2001		

Standards: Noise-Ambiebt Air Quality for Industrial Area

End of Report

Checked by)

(Authorized Signatory)
(Dr. Chaleron Palak)

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Email: igllabksp@gmail.com



thorized Signator

TEST REPORT

Test 1	Report No: TR/GW/2020	/08/17-0	01		Issued Date: 17.0	08,2020	
Issue		,00/1/0	M/s India Glycols limited, Herbal Extraction Unit Plot No. 2-5, Pharma City, Selaqui, Dehradun Uttarakhand				
Туре	of Sample:		Ground Wate	er			
	oling Location:		Borewell				
Samp	ole Quantity:		2 Ltr.				
Date	of Sampling:		12.08.2020				
Samp	oling Protocol:		IS: 3025 (P-	1)			
	ole Packaging & Marking:		Acceptable March 19	e Marked "1"			
	ole Drawn by:		Mr. Deepak	Sati & Team			
	ronmental Condition:	Hener	Sunny day				
	of Receipt of Sample:		12.08.2020				
Analy	ysis Duration:		13.08.2020 t	o 15.08.2020			
S.No	Test Parameters	Units	Results		ication 00, 2012	Test Method	
				Acceptable Limit	Permissible Limit		
A. P	Physical Parameters						
1.	pH value	_	7.18	6.5 to 8.5	No relaxation	IS: 3025(P-11) 1983 R-2002	
2.	Colour	Hazen	< 5.0	Max 5	Max 15	IS: 3025(P-4)1983 R-2002	
3.	Total Dissolved Solids	mg/l	240.0	Max 500	Max 2000	IS: 3025 (P-16): 1984	
4.	Turbidity	NTU	< 1.0	Max 1	Max 5	IS: 3025 (P- 10) 1984 R-200	
B. (Chemical Parameters						
5.	Total Hardness (as CaCO ₃)	mg/l	162.4	Max 200	Max 600	IS: 3025(P-21) 1983 R-2002	
6.	Chlorides (as Cl)	mg/l	21.86	Max 250	Max 1000	IS: 3025 (P-32) 1988	
7.	Calcium (as Ca)	mg/l	31.7	Max. 75	Max. 200	IS:3025 (P-40) 1991	
8.	Magnesium (as Mg)	mg/l	16.69	Max. 30	Max. 100	IS:3025 (P-46): 1994	
and the same of	Sulphate (as SO ₄)	mg/l	14.3	Max 200	Max 400	IS: 3025 (P-24) 1986 R-2003	
9.	Suipliate (as 504)		A SHIP SHIP OF THE	The second second			

Pradeep Pathak)
(Checked by)

End of Report

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TEST REPORT

Annexure-IX

Test R	eport No: TR/WW/2020/08/17-001	Issued Date: 17.08.2020			
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:		11.08.2020			
Sampling Protocol:		IS:3025 (P-1)			
Sample Packaging & Marking:		Plastic Bottle Marked "1" & Glass Bottle Marked "1"			
Sample Drawn by:		Mr. Deepak sati & Team			
Environmental Condition:		Sunny day			
Date of Receipt of Sample:		12.08.2020			
Analysis Duration:		12.08.2020 to 15.08.2020			
S. No	Test Parameters	Units	Results	Limits	Test Method
A	Physical Parameters				
1.	pH Value	-	7.53	5.5 to 9.0	IS: 3025(P-11) 1983, R-2002
2.	Total Suspended Solids	mg/l	40.0	100	IS: 3025(P-17) 1984, R-2002
В	Chemical Parameters				
3.	Chemical Oxygen Demand (COD)	mg/l	76.0	250	IS: 3025 (P-58) 2006
4.	Biological Oxygen Demand (BOD)@ 27°C for 3 Days	mg/l	22.0	30	IS: 3025 (P-44) 1993
					IS: 3025 (P-39) 1991, R-2003

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