

An ISO 9001-2015 Certified Company

(MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10. Phone: (O) 0265 - 6131000, 6131001



## **ENVIRONMENTAL MONITORING REPORT**

## LABORATORY TEST REPORT - STACK

REPORT NO.: JAN20/139/01 (ULR- TC709919000019853F)

### **SAMPLE DETAILS**

		;=			DEIMIE	=			
1.	Name & Address of Client: M/s. Jubilant Life Sci				d.,				
	Block No 133, Village : Sar	nlaya, Tal : - Savli, -	- 39	1520.	Dist.:- Va	dodara.			
2.	Sample ID: 1835848246 -	139JA20SE01		3.	Client Representative: Mr.Viralkumar Pastagia				
4.	Sample Date: 24.01.2020			5.	Sampling	Location:.D.G.Set (860	KVA)		
6.	Sampling Time: 13.00 hr			7.	Sampling	Duration: 20 Mins			
8.	Analysis commenced on: 27.01.2020			9.	Analysis	Completed on: 07.02.2	020		
10.	Reporting Date: 14.02.202	0		11.	Sample (	Collected By: Mr.Javed F	laveliwala		
12.	Test Requirement: Stack A	ir Monitoring		13.	Sampling	Procedure: IS Method			
14.	Description of Sample:	Sampling Bottles:	Sea	aled √		Bladder: Clamped			
		- <del>1</del> //	ST	ACK 1	DETAILS				
S.No.	<u>Parameters</u>	Unit (SI)		<u>Description</u>					
1.	Source		×	D.G.Set (860 KVA)					
2.	Height	m	ě	2 9 1					
3.	Diameter	mm		-	-				
4.	Temperature	°C	:	110	110				
5.	Velocity	m/s		11.0	11.05				
6.	Type of fuel used		;	HSD	)				
7	Quantity of fuel used	lit/hr		204					
			TE	ST R	ESULTS				
<u>S.</u> No.	<u>Parameters</u>	Unit (SI)		R	esults	Specification/ SPCB Norms/ BIS Standards	Method Used		
1,	Particulate Matter	mg/Nm³	1		60	150	IS 11255 (Part 1): 1985		
2.	Sulphur Dioxide(SO <sub>2</sub> )	ppm	1		12.36	100	IS 11255 (Part 2): 1985		
3.	Oxides of Nitrogen (NOx)	ppm	:		7.60	50	IS 5182 (Part 6 ) :2006		
Remarl	c:	2				-1			
	ized By -								
Name:	Sapana Amin					n: Lab Incharge only with written approval of			

2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.

The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

	LABORATORY TEST REPORT FORMA	NT
DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 01
Effective Date:. 20.12.2019	Issue Date: 01-01-2015	Revision Date: 20.12.2019



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## **ENVIRONMENTAL MONITORING REPORT**

# **LABORATORY TEST REPORT - STACK**

REPORT NO.: JAN20/139/02 (ULR- TC709919000019854F)

### **SAMPLE DETAILS**

			771		DEIAIL	2			
1, .	Name & Address of Client: 1	M/s. Jubilant Life So	ien	ces Lt	:d.,				
	Block No 133, Village : Sam	laya, Tal : - Savli, -	- 39	1520.	Dist.:- Vac	dodara.			
2.	Sample ID: 1835848246 - :	139JA20SE02		3.	Client Re	presentative: Mr.Viralku	ımar Pastagia		
4.	Sample Date: 24.01.2020			5.	Sampling	Location:. Dry Plant (Co	ombined Stack)		
6.	Sampling Time: 13:30 hr			7.	Sampling	Duration:20 Mins			
8.	Analysis commenced on: 27	.01.2020		9,	Analysis	Completed on: 07.02.2	020		
10.	Reporting Date: 14.02.2020		ľ	11.	Sample 0	Collected By: Mr.Javed H	łaveliwala		
12.	Test Requirement: Stack Air	est Requirement: Stack Air Monitoring			Sampling	Procedure: IS Method			
14.	Description of Sample:	Sampling Bottles:	Sea	aled v	/	Thimble:Packed√	Bladder: Clamped		
		3	ST	ACK	DETAILS				
S.No.	<u>Parameters</u>	Unit (SI)		<u>Description</u>					
1,,	Source			Dry	Plant (Co	mbined Stack)			
2,	Height	m		: 13					
3.	Diameter	mm	:	£					
4.	Temperature	°c ,	1	51					
5.	Velocity	m/s	1	2					
6.	Type of fuel used		:	N.A					
7,:	Quantity of fuel used			N.A					
		4171	TE	ST F	RESULTS	lan .	Vi.		
<u>S.</u> <u>No.</u>	<u>Parameters</u>	<u>Unit</u> (SI)		Ē	Results	Specification/ SPCB Norms/ BIS Standards	Method Used		
1,,	Particulate Matter	mg/Nm³	:		68	150	IS 11255 (Part 1): 1985		
Remar	k: 00	3		-			Mires and the second se		
Author	ized By -	)							
Name:	: Sapana Amin			E	Designation	n : Lab Incharge			

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory

2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.

3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

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DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 01					
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## **ENVIRONMENTAL MONITORING REPORT**

## **LABORATORY TEST REPORT - STACK**

REPORT NO .: JAN20/139/03 (ULR- TC709919000019855F)

#### **SAMPLE DETAILS**

		=	7/ ()		DLIAIL	<u> </u>			
1.	Name & Address of Client:	M/s. Jubilant Life So	ien	ces Lt	d.,				
	Block No 133, Village : Sam	ılaya, Tal : - Savli, –	- 39	1520.	Dist.:- Va	dodara.			
2.	Sample ID: 1835848246 -	139JA20SE03	3. Client Re			presentative: Mr.Viralku	mar Pastagia		
4.	Sample Date: 24.01.2020			5.	Sampling	Location:. Process Stac	ck (Liquid Plant) (Scrubber)		
6.	Sampling Time: 14:00 hr			7.	Sampling	Duration:20 Mins			
8.	Analysis commenced on: 27.01.2020			9.	Analysis	Completed on: 07.02.20	020		
10.	Reporting Date: 14.02.2020			11.	Sample	Collected By: Mr.Javed H	laveliwala		
12.	Test Requirement: Stack A	r Monitoring		13.	Sampling	g Procedure: IS Method	77		
14.	Description of Sample:	Sampling Bottles:	Sea	aled √	,	Thimble:Packed√	Bladder: Clamped		
		dir.	ST.	ACK	DETAILS	5			
5.No.	<u>Parameters</u>	Unit (SI)			<u>Description</u>				
1.0	Source		:	: Process Stack (Liquid Plant) (Scrubber)					
2.	Height	m	:	: 7.1					
3.	Diameter	mm	:	·					
4.	Temperature	°C	:	27					
5.	Velocity	m/s							
6.	Type of fuel used		:	N.A					
7.	Quantity of fuel used			N.A					
	· · · · · · · · · · · · · · · · · · ·		TE	ST F	RESULTS				
<u>S.</u> No.	<u>Parameters</u>	Unit (SI)		Ī	Results	Specification/ SPCB Norms/ BIS Standards	Method Used		
1.	Ammonia (NH <sub>3</sub> )	mg/m3	:		1.27	N.A	Modified APHA Method		
2.	CL <sub>2</sub>	mg/m3			0.097	N.A	IS: 5182 (Part XIX): 1982		
Remar	k:	-							
	ized By -					I als Turskanes			
Name:	Sapana Amin					n : Lab Incharge			

NOTE:

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# **ENVIRONMENTAL MONITORING REPORT**

## **LABORATORY TEST REPORT - STACK**

REPORT NO.: JAN20/139/04 (ULR- TC709919000019856F)

#### **SAMPLE DETAILS**

		=	MI	IPLE	DETAIL	<u></u>				
1.	Name & Address of Client:	Name & Address of Client: M/s. Jubilant Life Sciences					Ltd.,			
	Block No 133, Village : Sam	laya, Tal : - Savli, -	- 39	391520. Dist.:- Vadodara,						
2.	Sample ID: 1835848246 -	139JA20SE04	T	3	Client Re	Representative: Mr.Viralkumar Pastagia				
4.	Sample Date: 24.01.2020			5.	Sampling	g Location:. Premix Plant				
6.	Sampling Time: 14:30 hr			7.	Sampling	g Duration:20 Mins				
8.	Analysis commenced on: 27	7.01.2020		9.	Analysis	Completed on: 07.02.2	020			
10.	Reporting Date: 14.02.2020	)		11.	Sample	Collected By: Mr.Javed H	laveliwala			
12.	Test Requirement: Stack Ai	r Monitoring		13.	Sampling	g Procedure: IS Method				
14.	Description of Sample:	Sampling Bottles:	Sea	aled √		Thimble:Packed√	Bladder: Clamped			
			ST.	ACK	DETAILS	5	1/			
S.No.	<u>Parameters</u>	Unit (SI)		<u>Description</u>						
1,00	Source		:	Premix Plant						
2.	Height	m	ä	9						
3.	Diameter	mm	;	.=						
4.	Temperature	°c	:	29						
5.	Velocity	m/s	:	7.36	5					
6.	Type of fuel used			N.A						
7.	Quantity of fuel used			N.A						
		up.	T	ST R	ESULTS					
<u>S.</u> No.	<u>Parameters</u>	<u>Unit</u> (SI)		E	<u>Results</u>	Specification/ SPCB Norms/ BIS Standards	Method Used			
1,	Particulate Matter	mg/Nm <sup>3</sup>	:		71	150	IS 11255 (Part 1): 1985			
Remar	k:	111				·				
Author	rized By -									
Name	: Sapana Amin				Designatio	n : Lab Incharge				

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The results reported above relate to the sample identified under Sample Details.

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# **ENVIRONMENTAL MONITORING REPORT**

#### **LABORATORY TEST REPORT - STACK**

**REPORT NO.: JAN20/139/05** 

#### SAMPLE DETAILS

2.	Sample ID: 1835848246 -	139JA20SE03	W	3.	Client Re	presentative: Mr.Viralku	ımar Pastagia	
4.	Sample Date: 24.01.2020			5.	Sampling	Location:. Process Sta	ck (Liquid Plant) (Scrubber)	
6.	Sampling Time: 14:00 hr			7.	Sampling	Duration:20 Mins		
8.	Analysis commenced on: 2	7.01.2020		9.	Analysis (	Completed on: 07.02.2	020	
10.	Reporting Date: 14.02.202	0		11.	Sample C	Collected By: Mr.Javed H	Haveliwala	
12.	Test Requirement: Stack A	ir Monitoring		13,	Sampling	Procedure: IS Method		
14.	Description of Sample:	Sampling Bottles:	Sea	aled v	/	Thimble:Packed√	Bladder: Clamped	
			ST	ACK	DETAILS			
S.No.	<u>Parameters</u>	Unit (SI)		<u>Description</u>				
1.	Source		:	: Process Stack (Liquid Plant) (Scrubber)				
2.	Height	m	:	7.1				
3.	Diameter	mm	:	=				
4.	Temperature	°c	:	27				
5.	Velocity	m/s	1:	-				
6,	Type of fuel used			N.A	\		0	
7.	Quantity of fuel used		:	N.A	\			
			T	EST I	RESULTS			
<u>S.</u> No.	<u>Parameters</u>	Unit (SI)		Results		Specification/ SPCB Norms/ BIS Standards	Method Used	
1.	HCL	mg/m3	1		1.53	N.A	IS 11255 (Part 1 ):1985	

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