



Certificate No.: TC-7099

KADAM ENVIRONMENTAL CONSULTANTS

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

1.	Name & Address of Client: M/s. Jubilant Life Sciences Ltd., Block No 133, Village : Samlaya, Tal : - Savli, - 391520. Dist.:- Vadodara.			
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 : 07.02.2020	
10.	Reporting Date: 14.02.2020	11.	Sample Collected By: Mr.Javed Haveliwala	
12.	Test Requirement: Stack Air Monitoring	13.	Sampling Procedure: IS Method	
14.	Description of Sample:	Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble:Packed <input checked="" type="checkbox"/>	Bladder: Clamped

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source	:	D.G.Set (860 KVA)
2.	Height	m	-
3.	Diameter	mm	-
4.	Temperature	°c	110
5.	Velocity	m/s	11.05
6.	Type of fuel used	:	HSD
7.	Quantity of fuel used	lit/hr	204

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	60	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO ₂)	ppm	12.36	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	7.60	50	IS 5182 (Part 6) :2006

Remark :

Authorized By - 

Name : Sapana Amin

Designation : Lab Incharge

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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-----

LABORATORY TEST REPORT FORMAT

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

1.	Name & Address of Client: M/s. Jubilant Life Sciences Ltd., Block No 133, Village : Samlaya, Tal : - Savli, - 391520. Dist.:- Vadodara.			
2.	Sample ID: 1835848246 - 139JA20SE02	3.	Client Representative: Mr.Viralkumar Pastagia	
4.	Sample Date: 24.01.2020	5.	Sampling Location:. Dry Plant (Combined Stack)	
6.	Sampling Time: 13:30 hr	7.	Sampling Duration:20 Mins	
8.	Analysis commenced on: 27.01.2020	9.	Analysis Completed on : 07.02.2020	
10.	Reporting Date: 14.02.2020	11.	Sample Collected By: Mr.Javed Haveliwala	
12.	Test Requirement: Stack Air Monitoring	13.	Sampling Procedure: IS Method	
14.	Description of Sample:	Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble:Packed <input checked="" type="checkbox"/>	Bladder: Clamped

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source	:	Dry Plant (Combined Stack)
2.	Height	m	: 13
3.	Diameter	mm	: -
4.	Temperature	°C	: 51
5.	Velocity	m/s	: -
6.	Type of fuel used	:	N.A
7.	Quantity of fuel used	:	N.A

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	: 68	150	IS 11255 (Part 1) : 1985

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT - STACK

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

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Life Sciences Ltd., Block No 133, Village : Samlaya, Tal : - Savli, - 391520. Dist.:- Vadodara.			
2.	Sample ID: 1835848246 - 139JA20SE03	3.	Client Representative: Mr.Viralkumar Pastagia	
4.	Sample Date: 24.01.2020	5.	Sampling Location:. Process Stack (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 : 07.02.2020	
10.	Reporting Date: 14.02.2020	11.	Sample Collected By: Mr.Javed Haveliwala	
12.	Test Requirement: Stack Air Monitoring	13.	Sampling Procedure: IS Method	
14.	Description of Sample:	Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble:Packed <input checked="" type="checkbox"/>	Bladder: Clamped

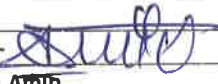
STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	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

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH ₃)	mg/m ³	: 1.27	N.A	Modified APHA Method
2.	CL ₂	mg/m ³	: 0.097	N.A	IS : 5182 (Part XIX) : 1982

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT - STACK

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

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Life Sciences Ltd., Block No 133, Village : Samlaya, Tal : - Savli, - 391520. Dist.:- Vadodara.		
2.	Sample ID: 1835848246 - 139JA20SE04	3.	Client Representative: Mr.Viralkumar Pastagia
4.	Sample Date: 24.01.2020	5.	Sampling Location: Premix Plant
6.	Sampling Time: 14:30 hr	7.	Sampling Duration:20 Mins
8.	Analysis commenced on: 27.01.2020	9.	Analysis Completed on : 07.02.2020
10.	Reporting Date: 14.02.2020	11.	Sample Collected By: Mr.Javed Haveliwala
12.	Test Requirement: Stack Air Monitoring	13.	Sampling Procedure: IS Method
14.	Description of Sample:	Sampling Bottles: Sealed ✓	Thimble:Packed✓ Bladder: Clamped

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Premix Plant
2.	Height	m	: 9
3.	Diameter	mm	: -
4.	Temperature	°c	: 29
5.	Velocity	m/s	: 7.36
6.	Type of fuel used		: N.A
7.	Quantity of fuel used		: N.A

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	: 71	150	IS 11255 (Part 1) : 1985

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT - STACK

REPORT NO.: JAN20/139/05

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Life Sciences Ltd., Block No 133, Village : Samlaya, Tal : - Savli, - 391520. Dist.:- Vadodara.		
2.	Sample ID: 1835848246 - 139JA20SE03	3.	Client Representative: Mr.Viralkumar Pastagia
4.	Sample Date: 24.01.2020	5.	Sampling Location: Process Stack (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 : 07.02.2020
10.	Reporting Date: 14.02.2020	11.	Sample Collected By: Mr.Javed Haveliwala
12.	Test Requirement: Stack Air Monitoring	13.	Sampling Procedure: IS Method
14.	Description of Sample:	Sampling Bottles: Sealed ✓	Thimble:Packed✓ Bladder: Clamped

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	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

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	HCL	mg/m3	: 1.53	N.A	IS 11255 (Part 1) :1985

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