



# KLEAN LABORATORIES AND RESEARCH (P) LTD.

CIN : U73100MH2009PTC195098



An Environmental Laboratory approved by MoEFCC.

vide Gazette Notification of India Sr. No. 857 (E) Dated February 26, 2018 valid up to 2023.

402 Purushottam Plaza, Baner Road, Pune- 411 045.

Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org

## TEST REPORT

<b>Test Report No</b>	<b>1903/A/0352</b>	<b>Date</b>	<b>15.03.2019</b>		
<b>Name &amp; Address of the Client</b>	<b>M/S. GALAXY SURFACTANTS LTD.,</b>				
	<b>PLOT NO. 1(EOU), MIDC, TALOJA</b>				
<b>PO Details</b>	-				
<b>AAQM SAMPLE DETAILS</b>					
<b>Type</b>	<b>Location</b>			<b>Sampling done by</b>	
<b>Ambient</b>	<b>NEAR MATERIAL GATE</b>			<b>Lab</b>	
<b>Sampling Time</b>					
<b>Start Time</b>		<b>Stop Time</b>		<b>Total Hrs</b>	
13.30pm		13.30pm		24 Hrs.	
<b>Sample collection Date</b>	<b>Sample receipt Date</b>	<b>Analysis start Date</b>		<b>Analysis complete Date</b>	
06.03.2019	08.03.2019	09.03.2019		15.03.2019	
<b>Sampling Procedure</b>			<b>As per KLRPL/QSP/22</b>		
<b>S.No.</b>	<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>Limits</b>	<b>Result</b>
1	Particulate Matter (PM 10)	Instr. Manual version 2.01	µg/m <sup>3</sup>	100 ✓	71.23
2	Particulate Matter (PM2.5)	CPCB Manual Volume I	µg/m <sup>3</sup>	60 ✓	23.38
3	Sulphur Dioxide	IS 5182 (part 2) 2001(RA 2017)	µg/m <sup>3</sup>	80 ✓	13.26
4	Oxides of Nitrogen	IS 5182 (part 6) : 2006 (RA 2017)	µg/m <sup>3</sup>	80 ✓	19.85
5	Ozone	MASA - 411 3rd Ed	µg/m <sup>3</sup>	100 (for 8 hrs) ✓	BDL(MDL<19.6)
6	Lead	MASA - 822 3rd Ed	µg/m <sup>3</sup>	1 ✓	BDL(MDL<0.1)
7	Carbon Monoxide	IS 5182 (part 10) 1999 (RA 2014)	Mg/m <sup>3</sup>	2 (for 8 hrs) ✓	0.2
8	Ammonia	MASA - 401 3rd Ed	µg/m <sup>3</sup>	400 ✓	BDL(MDL<0.02)
9	Benzene	IS 5182 (part 11) : 2006 (RA 2017)	µg/m <sup>3</sup>	5 ✓	BDL(MDL<0.2)
10	Benzo (a) Pyrene	CPCB Manual Vol 1 2011	ng/m <sup>3</sup>	1 ✓	BDL(MDL<1)
11	Arsenic	MASA - 302 3rd Ed	ng/m <sup>3</sup>	6 ✓	BDL(MDL<0.1)
12	Nickel	MASA - 822 3rd Ed	ng/m <sup>3</sup>	20 ✓	BDL(MDL<7)
<b>End of Test report</b>					
BDL: -Below Detectable level & MDL: -Method detection limit.					
Limits as per NAAQS Amended on 16 Nov 2009.					
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<b>Hologram Mandatory</b>			<i>checked ok</i> <i>Surya</i> <i>07/05/19</i>		
Page 1/1		<b>Authorised by ( Sanjay Mardikar G M )</b>			



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TEST REPORT					
Test Report No	1903/A/0353	Date	15.03.2019		
Name & Address of the Client	M/S. GALAXY SURFACTANTS LTD., PLOT NO. 1(EOU), MIDC, TALOJA				
PO Details	-				
AAQM SAMPLE DETAILS					
Type	Location		Sampling done by		
Ambient	NEAR ADMIN GATE		Lab		
Sampling Time					
Start Time		Stop Time		Total Hrs	
13.00pm		13.00pm		24 Hrs.	
Sample collection Date	Sample receipt Date	Analysis start Date		Analysis complete Date	
06.03.2019	08.03.2019	08.03.2019		15.03.2019	
Sampling Procedure			As per KLRPL/QSP/22		
S.No.	Parameters	Method	Unit	Limits	Result
1	Particulate Matter (PM 10)	Instr. Manual version 2.01	µg/m <sup>3</sup>	100 ✓	51.97
2	Particulate Matter (PM2.5)	CPCB Manual Volume I	µg/m <sup>3</sup>	60 ✓	22.35
3	Sulphur Dioxide	IS 5182 (part 2) 2001(RA 2017)	µg/m <sup>3</sup>	80 ✓	12.96
4	Oxides of Nitrogen	IS 5182 (part 6) : 2006 (RA 2017)	µg/m <sup>3</sup>	80 ✓	6.52
5	Ozone	MASA - 411 3rd Ed	µg/m <sup>3</sup>	100 (for 8 hrs) ✓	BDL(MDL<19.6)
6	Lead	MASA - 822 3rd Ed	µg/m <sup>3</sup>	1 ✓	BDL(MDL<0.1)
7	Carbon Monoxide	IS 5182 (part 10) 1999 (RA 2014)	Mg/m <sup>3</sup>	2 (for 8 hrs) ✓	0.2
8	Ammonia	MASA - 401 3rd Ed	µg/m <sup>3</sup>	400 ✓	BDL(MDL<0.02)
9	Benzene	IS 5182 (part 11) : 2006 (RA 2017)	µg/m <sup>3</sup>	5 ✓	BDL(MDL<0.2)
10	Benzo (a) Pyrene	CPCB Manual Vol 1 2011	ng/m <sup>3</sup>	1 ✓	BDL(MDL<1)
11	Arsenic	MASA - 302 3rd Ed	ng/m <sup>3</sup>	6 ✓	BDL(MDL<0.1)
12	Nickel	MASA - 822 3rd Ed	ng/m <sup>3</sup>	20 ✓	BDL(MDL<7)
End of Test report					
BDL: -Below Detectable level & MDL: -Method detection limit.					
Limits as per NAAQS Amended on 16 Nov 2009.					
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## TEST REPORT

<b>Test Report No</b>	1903/A/0317	<b>Date</b>	15.03.2019
<b>Name &amp; Address of the Client</b>	M/S. GALAXY SURFACTANTS LTD.,		
	PLOT NO.V-23, MIDC, TALOJA		
<b>PO Details</b>	-		

### AAQM SAMPLE DETAILS

<b>Type</b>	<b>Location</b>	<b>Sampling done by</b>	
Ambient	NEAR GATE No.3	Lab	
<b>Sampling Time</b>			
<b>Start Time</b>	<b>Stop Time</b>	<b>Total Hrs</b>	
12.30pm	12.30pm	24 Hrs.	
<b>Sample collection Date</b>	<b>Sample receipt Date</b>	<b>Analysis start Date</b>	<b>Analysis complete Date</b>
06.03.2019	08.03.2019	09.03.2019	15.03.2019

Sampling Procedure

As per KLRPL/QSP/22

S.No.	Parameters	Method	Unit	Limits	Result
1	Particulate Matter (PM 10)	Instr. Manual version 2.01	µg/m <sup>3</sup>	100	70.21
2	Particulate Matter (PM2.5)	CPCB Manual Volume I	µg/m <sup>3</sup>	60	19.62
3	Sulphur Dioxide	IS 5182 (part 2) 2001(RA 2017)	µg/m <sup>3</sup>	80	12.48
4	Oxides of Nitrogen	IS 5182 (part 6) : 2006 (RA 2017)	µg/m <sup>3</sup>	80	16.52
5	Ozone	MASA - 411 3rd Ed	µg/m <sup>3</sup>	100 (for 8 hrs)	BDL(MDL<19.6)
6	Lead	MASA - 822 3rd Ed	µg/m <sup>3</sup>	1	BDL(MDL<0.1)
7	Carbon Monoxide	IS 5182 (part 10) 1999 (RA 2014)	Mg/m <sup>3</sup>	2 (for 8 hrs)	0.2
8	Ammonia	MASA - 401 3rd Ed	µg/m <sup>3</sup>	400	BDL(MDL<0.02)
9	Benzene	IS 5182 (part 11) : 2006 (RA 2017)	µg/m <sup>3</sup>	5	BDL(MDL<0.2)
10	Benzo (a) Pyrene	CPCB Manual Vol 1 2011	ng/m <sup>3</sup>	1	BDL(MDL<1)
11	Arsenic	MASA - 302 3rd Ed	ng/m <sup>3</sup>	6	BDL(MDL<0.1)
12	Nickel	MASA - 822 3rd Ed	ng/m <sup>3</sup>	20	BDL(MDL<7)

End of Test report

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Sanjay  
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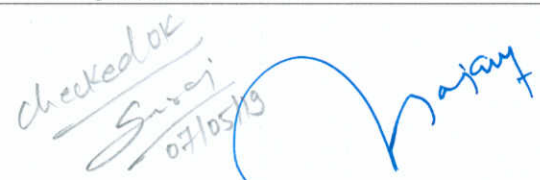
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TEST REPORT					
Test Report No	1903/A/0318			Date	15.03.2019
Name & Address of the Client	M/S. GALAXY SURFACTANTS LTD., PLOT NO.V-23, MIDC, TALOJA				
PO Details	-				
AAQM SAMPLE DETAILS					
Type	Location			Sampling done by	
Ambient	NEAR MATERIAL GATE			Lab	
Sampling Time					
Start Time		Stop Time		Total Hrs	
12.00pm		12.00pm		24 Hrs.	
Sample collection Date	Sample receipt Date	Analysis start Date		Analysis complete Date	
06.03.2019	08.03.2019	09.03.2019		15.03.2019	
Sampling Procedure			As per KLRPL/QSP/22		
S.No.	Parameters	Method	Unit	Limits	Result
1	Particulate Matter (PM 10)	Instr. Manual version 2.01	µg/m <sup>3</sup>	100 ✓	73.62
2	Particulate Matter (PM2.5)	CPCB Manual Volume I	µg/m <sup>3</sup>	60 ✓	23.51
3	Sulphur Dioxide	IS 5182 (part 2) 2001(RA 2017)	µg/m <sup>3</sup>	80 ✓	14.59
4	Oxides of Nitrogen	IS 5182 (part 6) : 2006 (RA 2017)	µg/m <sup>3</sup>	80 ✓	9.87
5	Ozone	MASA - 411 3rd Ed	µg/m <sup>3</sup>	100 (for 8 hrs) ✓	BDL(MDL<19.6)
6	Lead	MASA - 822 3rd Ed	µg/m <sup>3</sup>	1 ✓	BDL(MDL<0.1)
7	Carbon Monoxide	IS 5182 (part 10) 1999 (RA 2014)	Mg/m <sup>3</sup>	2 (for 8 hrs) ✓	0.2
8	Ammonia	MASA - 401 3rd Ed	µg/m <sup>3</sup>	400 ✓	BDL(MDL<0.02)
9	Benzene	IS 5182 (part 11) : 2006 (RA 2017)	µg/m <sup>3</sup>	5 ✓	BDL(MDL<0.2)
10	Benzo (a) Pyrene	CPCB Manual Vol 1 2011	ng/m <sup>3</sup>	1 ✓	BDL(MDL<1)
11	Arsenic	MASA - 302 3rd Ed	ng/m <sup>3</sup>	6 ✓	BDL(MDL<0.1)
12	Nickel	MASA - 822 3rd Ed	ng/m <sup>3</sup>	20 ✓	BDL(MDL<7)
End of Test report					
BDL: -Below Detectable level & MDL: -Method detection limit.					
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## TEST REPORT

<b>Test Report No</b>	<b>1903/A/0380</b>	<b>Date</b>	<b>15.03.2019</b>
<b>Name &amp; Address of the Client</b>	<b>M/S. GALAXY SURFACTANTS LTD.,</b>		
	<b>PLOT No.MED, MIDC, TALOJA</b>		
<b>PO Details</b>	-		

### AAQM SAMPLE DETAILS

<b>Type</b>	<b>Location</b>	<b>Sampling done by</b>
Ambient	<b>NEAR MED WARE HOUSE</b>	Lab

### Sampling Time

<b>Start Time</b>	<b>Stop Time</b>	<b>Total Hrs</b>
14.00pm	14.00pm	24 Hrs.

<b>Sample collection Date</b>	<b>Sample receipt Date</b>	<b>Analysis start Date</b>	<b>Analysis complete Date</b>
06.03.2019	08.03.2019	08.03.2019	15.03.2019

### Sampling Procedure

As per KLRPL/QSP/22

S.No.	Parameters	Method	Unit	Limits	Result
1	Particulate Matter (PM 10)	Instr. Manual version 2.01	µg/m <sup>3</sup>	100 ✓	53.26
2	Particulate Matter (PM2.5)	CPCB Manual Volume I	µg/m <sup>3</sup>	60 ✓	18.95
3	Sulphur Dioxide	IS 5182 (part 2) 2001(RA 2017)	µg/m <sup>3</sup>	80 ✓	15.29
4	Oxides of Nitrogen	IS 5182 (part 6) : 2006 (RA 2017)	µg/m <sup>3</sup>	80 ✓	19.74
5	Ozone	MASA - 411 3rd Ed	µg/m <sup>3</sup>	100 (for 8 hrs) ✓	BDL(MDL<19.6)
6	Lead	MASA - 822 3rd Ed	µg/m <sup>3</sup>	1 ✓	BDL(MDL<0.1)
7	Carbon Monoxide	IS 5182 (part 10) 1999 (RA 2014)	Mg/m <sup>3</sup>	2 (for 8 hrs) ✓	0.2
8	Ammonia	MASA - 401 3rd Ed	µg/m <sup>3</sup>	400 ✓	BDL(MDL<0.02)
9	Benzene	IS 5182 (part 11) : 2006 (RA 2017)	µg/m <sup>3</sup>	5 ✓	BDL(MDL<0.2)
10	Benzo (a) Pyrene	CPCB Manual Vol 1 2011	ng/m <sup>3</sup>	1 ✓	BDL(MDL<1)
11	Arsenic	MASA - 302 3rd Ed	ng/m <sup>3</sup>	6 ✓	BDL(MDL<0.1)
12	Nickel	MASA - 822 3rd Ed	ng/m <sup>3</sup>	20 ✓	BDL(MDL<7)

### End of Test report

BDL: -Below Detectable level & MDL: -Method detection limit.

Limits as per NAAQS Amended on 16 Nov 2009.

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Suraj  
07/05/19

*(Signature)*

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