

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/802							
Location : Project Site		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m3
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
19.10.2015	28.10.2015	28.10.2015 to 06.11.2015	45.12	20.46	8.20	16.16	1.0
22.10.2015	28.10.2015	28.10.2015 to 06.11.2015	49.24	19.24	7.29	13.42	1.2
26.10.2015	05.11.2015	05.11.2015 to 14.11.2015	49.84	18.26	8.46	17.58	1.0
29.10.2015	05.11.2015	05.11.2015 to 14.11.2015	48.56	20.54	8.64	14.26	1.1
November-2015							
02.11.2015	12.11.2015	12.11.2015 to 21.11.2015	48.24	18.56	8.74	14.24	1.3
05.11.2015	12.11.2015	12.11.2015 to 21.11.2015	48.12	29.26	8.52	14.56	1.4
09.11.2015	18.11.2015	18.11.2015 to 26.11.2015	47.26	20.12	8.12	15.89	1.3
12.11.2015	18.11.2015	18.11.2015 to 26.11.2015	45.98	28.56	7.89	18.56	1.4
16.11.2015	25.11.2015	25.11.2015 to 03.12.2015	46.42	27.26	6.56	14.26	1.2
19.11.2015	25.11.2015	25.11.2015 to 03.12.2015	45.42	20.14	9.24	16.26	1.0
23.11.2015	02.12.2015	02.12.2015 to10.12.2015	46.84	20.98	8.76	14.98	1.3
26.11.2015	02.12.2015	02.12.2015 to 10.12.2015	45.12	18.56	7.98	18.56	1.0
December-2015							
01.12.2015	10.12.2015	10.12.2015 to 17.12.2015	46.78	29.86	9.24	19.56	1.2
04.12.2015	10.12.2015	10.12.2015 to 17.12.2015	45.98	21.16	8.65	19.12	1.0
08.12.2015	18.12.2015	18.12.2015 to 25.12.2015	46.98	22.26	8.76	16.64	1.2
11.12.2015	18.12.2015	18.12.2015 to 25.12.2015	37.56	24.62	9.24	15.56	1.4
15.12.2015	20.12.2015	20.12.2015 to 26.12.2015	38.56	22.68	8.74	14.98	1.2
18.12.2015	20.12.2015	20.12.2015 to 26.12.2015	45.98	20.26	7.46	14.24	1.1
22.12.2015	31.12.2015	31.12.2015 to 07.01.2016	45.42	18.29	8.24	16.16	1.4
25.12.2015	31.12.2015	31.12.2015 to 07.01.2016	46.78	19.26	8.12	18.98	1.1
29.12.2015	04.1.2016	04.1.2016 to 13.1.2016	39.98	26.24	8.24	14.16	1.0
January 2016							
01.01.2016	09.01.2016	09.1.2016 to 16.1.2016	36.67	29.48	6.28	19.23	1.2
04.01.2016	09.01.2016	09.1.2016 to 16.1.2016	40.56	28.24	7.29	18.68	1.0
07.01.2016	16.1.2016	16.01.2016 to 25.01.2016	38.98	27.46	8.24	19.20	1.1
10.01.2016	16.01.2016	16.01.2016 to 25.01.2016	45.65	26.74	8.14	18.64	1.0

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/803							
Location : DUBHI		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m3
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
19.10.2015	28.10.2015	28.10.2015 to 06.11.2015	33.68	16.24	1.54	12.38	0.89
22.10.2015	28.10.2015	28.10.2015 to 06.11.2015	32.74	15.89	1.98	12.24	0.84
26.10.2015	05.11.2015	05.11.2015 to 14.11.2015	34.74	18.74	2.01	13.68	0.88
29.10.2015	05.11.2015	05.11.2015 to 14.11.2015	33.12	18.42	2.08	13.74	0.80
November-2015							
02.11.2015	12.11.2015	12.11.2015 to 21.11.2015	32.54	17.84	3.26	14.28	0.78
05.11.2015	12.11.2015	12.11.2015 to 21.11.2015	31.86	18.26	2.98	15.24	0.89
09.11.2015	18.11.2015	18.11.2015 to 26.11.2015	32.46	18.24	2.12	15.20	1.0
12.11.2015	18.11.2015	18.11.2015 to 26.11.2015	31.14	18.76	2.78	14.98	0.98
16.11.2015	25.11.2015	25.11.2015 to 03.12.2015	33.84	16.86	1.99	15.26	1.0
19.11.2015	25.11.2015	25.11.2015 to 03.12.2015	32.86	15.46	1.87	13.26	0.98
23.11.2015	02.12.2015	02.12.2015 to10.12.2015	33.16	16.78	2.12	14.98	0.90
26.11.2015	02.12.2015	02.12.2015 to 10.12.2015	34.16	18.78	2.09	13.68	0.99
December-2015							
01.12.2015	10.12.2015	10.12.2015 to 17.12.2015	31.28	18.24	2.42	14.98	1.0
04.12.2015	10.12.2015	10.12.2015 to 17.12.2015	32.68	17.86	2.12	13.98	0.98
08.12.2015	18.12.2015	18.12.2015 to 25.12.2015	33.68	19.76	2.46	15.64	1.0
11.12.2015	18.12.2015	18.12.2015 to 25.12.2015	32.98	18.74	2.10	14.24	0.99
15.12.2015	20.12.2015	20.12.2015 to 26.12.2015	31.78	18.12	2.46	15.86	1.0
18.12.2015	20.12.2015	20.12.2015 to 26.12.2015	31.08	18.01	1.99	14.36	0.94
22.12.2015	31.12.2015	31.12.2015 to 07.01.2016	32.12	16.74	1.86	15.26	0.82
25.12.2015	31.12.2015	31.12.2015 to 07.01.2016	31.04	18.68	2.68	15.18	1.0
29.12.2015	04.1.2016	04.1.2016 to 13.1.2016	32.45	19.84	2.36	16.24	1.0
January 2016							
01.01.2016	09.01.2016	09.1.2016 to 16.1.2016	33.16	16.78	2.12	14.98	0.90
04.01.2016	09.01.2016	09.1.2016 to 16.1.2016	34.16	18.78	2.09	13.68	0.99
07.01.2016	16.1.2016	16.01.2016 to 25.01.2016	33.84	16.86	1.99	15.26	1.0
10.01.2016	16.01.2016	16.01.2016 to 25.01.2016	32.86	15.46	1.87	13.26	0.98

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/804							
Location : BARWA		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m ³
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
19.10.2015	28.10.2015	28.10.2015 to 06.11.2015	51.33	22.79	5.26	20.21	0.4
22.10.2015	28.10.2015	28.10.2015 to 06.11.2015	49.86	21.74	5.12	19.28	0.38
26.10.2015	05.11.2015	05.11.2015 to 14.11.2015	50.12	19.86	4.98	20.24	0.29
29.10.2015	05.11.2015	05.11.2015 to 14.11.2015	50.46	20.14	5.12	19.89	0.28
November-2015							
02.11.2015	12.11.2015	12.11.2015 to 21.11.2015	42.56	20.56	5.24	20.56	0.4
05.11.2015	12.11.2015	12.11.2015 to 21.11.2015	40.89	21.46	6.12	19.84	0.34
09.11.2015	18.11.2015	18.11.2015 to 26.11.2015	39.28	20.56	6.18	18.26	0.39
12.11.2015	18.11.2015	18.11.2015 to 26.11.2015	38.89	19.46	5.42	18.42	0.39
16.11.2015	25.11.2015	25.11.2015 to 03.12.2015	44.56	24.56	6.24	19.56	0.4
19.11.2015	25.11.2015	25.11.2015 to 03.12.2015	46.78	23.64	5.32	18.26	0.38
23.11.2015	02.12.2015	02.12.2015 to10.12.2015	50.32	18.98	5.02	20.15	0.28
26.11.2015	02.12.2015	02.12.2015 to 10.12.2015	49.86	22.86	4.98	20.62	0.33
December-2015							
01.12.2015	10.12.2015	10.12.2015 to 17.12.2015	39.28	20.56	6.18	18.26	0.39
04.12.2015	10.12.2015	10.12.2015 to 17.12.2015	38.89	19.46	5.42	18.42	0.39
08.12.2015	18.12.2015	18.12.2015 to 25.12.2015	42.56	21.56	6.14	21.46	0.4
11.12.2015	18.12.2015	18.12.2015 to 25.12.2015	40.42	20.54	6.02	18.78	0.38
15.12.2015	20.12.2015	20.12.2015 to 26.12.2015	39.24	18.98	4.98	20.64	0.39
18.12.2015	20.12.2015	20.12.2015 to 26.12.2015	40.01	20.15	5.24	20.15	0.4
22.12.2015	31.12.2015	31.12.2015 to 07.01.2016	39.11	20.44	6.84	20.11	0.4
25.12.2015	31.12.2015	31.12.2015 to 07.01.2016	40.28	19.48	5.98	20.28	0.32
29.12.2015	04.1.2016	04.1.2016 to 13.1.2016	51.33	17.79	4.26	18.21	0.28
January 2016							
01.01.2016	09.01.2016	09.1.2016 to 16.1.2016	50.32	20.86	5.20	20.14	0.30
04.01.2016	09.01.2016	09.1.2016 to 16.1.2016	49.38	19.84	4.98	19.89	0.32
07.01.2016	16.1.2016	16.01.2016 to 25.01.2016	38.89	19.46	5.42	18.42	0.39
10.01.2016	16.01.2016	16.01.2016 to 25.01.2016	42.56	21.56	6.14	21.46	0.4

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/805							
Location :Tetulia		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m3
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
19.10.2015	28.10.2015	28.10.2015 to 06.11.2015	58.16	30.46	4.84	14.98	0.8
22.10.2015	28.10.2015	28.10.2015 to 06.11.2015	54.86	29.14	5.42	15.64	0.6
26.10.2015	05.11.2015	05.11.2015 to 14.11.2015	60.56	28.74	3.14	14.86	0.78
29.10.2015	05.11.2015	05.11.2015 to 14.11.2015	61.86	26.15	4.86	13.89	0.8
November-2015							
02.11.2015	12.11.2015	12.11.2015 to 21.11.2015	59.86	32.46	5.86	16.86	0.92
05.11.2015	12.11.2015	12.11.2015 to 21.11.2015	60.12	32.68	5.14	16.98	0.9
09.11.2015	18.11.2015	18.11.2015 to 26.11.2015	49.86	30.28	4.89	15.89	0.78
12.11.2015	18.11.2015	18.11.2015 to 26.11.2015	48.56	31.86	5.28	15.48	0.82
16.11.2015	25.11.2015	25.11.2015 to 03.12.2015	54.56	32.04	4.68	16.24	0.74
19.11.2015	25.11.2015	25.11.2015 to 03.12.2015	50.14	32.48	5.74	16.42	0.94
23.11.2015	02.12.2015	02.12.2015 to10.12.2015	49.18	30.14	4.26	14.28	0.84
26.11.2015	02.12.2015	02.12.2015 to 10.12.2015	52.42	31.48	4.89	16.42	0.79
December-2015							
01.12.2015	10.12.2015	10.12.2015 to 17.12.2015	48.56	31.86	5.28	15.48	0.82
04.12.2015	10.12.2015	10.12.2015 to 17.12.2015	54.56	32.04	4.68	16.24	0.74
08.12.2015	18.12.2015	18.12.2015 to 25.12.2015	50.32	20.86	5.20	20.14	0.70
11.12.2015	18.12.2015	18.12.2015 to 25.12.2015	49.38	19.84	4.98	19.89	0.62
15.12.2015	20.12.2015	20.12.2015 to 26.12.2015	48.16	29.14	4.12	17.48	0.7
18.12.2015	20.12.2015	20.12.2015 to 26.12.2015	46.46	32.88	4.24	16.69	0.8
22.12.2015	31.12.2015	31.12.2015 to 07.01.2016	52.15	31.68	5.24	18.26	0.82
25.12.2015	31.12.2015	31.12.2015 to 07.01.2016	59.24	28.64	4.15	17.28	0.8
29.12.2015	04.1.2016	04.1.2016 to 13.1.2016	64.56	25.71	2.68	14.67	0.62
January 2016							
01.01.2016	09.01.2016	09.1.2016 to 16.1.2016	59.56	32.88	5.28	19.84	0.84
04.01.2016	09.01.2016	09.1.2016 to 16.1.2016	59.14	32.48	5.12	18.04	0.82
07.01.2016	16.1.2016	16.01.2016 to 25.01.2016	50.32	20.86	5.20	20.14	0.70
10.01.2016	16.01.2016	16.01.2016 to 25.01.2016	51.42	24.76	4.98	19.89	0.72

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/806							
Location : Katajani		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m3
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
20.10.2015	29.10.2015	29.10.2015 to 06.11.2015	44.56	23.26	4.98	16.46	0.5
23.10.2015	29.10.2015	29.10.2015 to 06.11.2015	43.98	23.56	4.54	16.58	0.45
27.10.2015	05.11.2015	05.11.2015 to12.11.2015	42.86	27.86	5.26	24.28	0.42
30.10.2015	05.11.2015	05.11.2015 to12.11.2015	39.56	26.52	8.26	25.26	0.5
November-2015							
03.11.2015	12.11.2015	12.11.2015 to 20.11.2015	38.89	29.46	5.42	18.42	0.39
06.11.2015	12.11.2015	12.11.2015 to 20.11.2015	42.56	28.56	6.14	21.46	0.4
10.11.2015	19.11.2015	19.11.2015 to 26.11.2015	34.16	28.78	4.09	20.68	0.52
13.11.2015	19.11.2015	19.11.2015 to 26.11.2015	42.56	25.56	6.14	21.46	0.4
17.11.2015	28.11.2015	28.11.2015 to 07.12.2015	40.42	26.54	6.02	25.78	0.62
20.11.2015	28.11.2015	28.11.2015 to 07.12.2015	39.11	26.44	6.84	20.11	0.48
24.11.2015	03.12.2015	03.12.2015 to 10.12.2015	40.28	27.48	5.98	20.28	0.52
27.11.2015	03.12.2015	03.12.2015 to 10.12.2015	34.0	25.47	8.28	26.31	0.6
December-2015							
02.12.2015	11.12.2015	11.12.2015 to 18.12.2015	44.56	25.26	4.98	18.46	0.5
05.12.2015	11.12.2015	11.12.2015 to 18.12.2015	43.98	24.56	4.54	19.58	0.45
09.12.2015	19.12.2015	19.12.2015 to 26.12.2015	36.56	26.52	8.26	25.26	0.5
12.12.2015	19.12.2015	19.12.2015 to 26.12.2015	35.12	28.47	8.28	26.31	0.6
16.12.2015	26.12.2015	26.12.2015 to 02.12.2016	34.16	28.78	4.09	20.68	0.52
19.12.2015	26.12.2015	26.12.2015 to 02.12.2016	42.56	25.56	6.14	21.46	0.4
23.12.2015	02.01.2016	02.01.2016 to 11.12.2016	42.73	28.36	6.24	20.74	0.4
26.12.2015	02.01.2016	02.01.2016 to 11.12.2016	36.74	27.48	5.28	25.84	0.58
January 2016							
02.01.2016	13.01.2016	13.01.2016 to 21.01.2016	45.74	27.56	5.68	22.56	0.52
06.01.2016	13.01.2016	13.01.2016 to 21.01.2016	44.64	26.72	6.12	24.56	0.6
09.12.2016	19.01.2016	19.01.2016 to 26.01.2016	39.56	28.74	6.42	26.54	0.58
13.12.2016	19.01.2016	19.01.2016 to 26.01.2016	41.56	29.54	5.98	25.86	0.62

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/807							
Location :Parasi		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m3
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
20.10.2015	29.10.2015	29.10.2015 to 06.11.2015	44.56	23.26	4.98	20.46	0.5
23.10.2015	29.10.2015	29.10.2015 to 06.11.2015	43.98	23.56	5.54	22.58	0.45
27.10.2015	05.11.2015	05.11.2015 to12.11.2015	42.86	27.86	5.26	23.28	0.42
30.10.2015	05.11.2015	05.11.2015 to12.11.2015	45.56	26.52	6.26	24.26	0.5
November-2015							
03.11.2015	12.11.2015	12.11.2015 to 20.11.2015	42.56	27.56	5.24	20.56	0.4
06.11.2015	12.11.2015	12.11.2015 to 20.11.2015	40.89	24.46	6.12	25.84	0.5
10.11.2015	19.11.2015	19.11.2015 to 26.11.2015	43.28	25.56	6.18	26.26	0.48
13.11.2015	19.11.2015	19.11.2015 to 26.11.2015	41.89	26.46	5.42	24.42	0.39
17.11.2015	28.11.2015	28.11.2015 to 07.12.2015	44.56	24.56	6.24	25.56	0.4
20.11.2015	28.11.2015	28.11.2015 to 07.12.2015	42.74	25.56	6.68	22.56	0.52
24.11.2015	03.12.2015	03.12.2015 to 10.12.2015	41.64	26.72	6.12	24.56	0.46
27.11.2015	03.12.2015	03.12.2015 to 10.12.2015	43.56	28.74	6.42	26.54	0.58
December-2015							
02.12.2015	11.12.2015	11.12.2015 to 18.12.2015	42.56	25.56	6.14	21.46	0.4
05.12.2015	11.12.2015	11.12.2015 to 18.12.2015	42.73	28.36	6.24	20.74	0.4
09.12.2015	19.12.2015	19.12.2015 to 26.12.2015	41.74	27.48	5.28	25.84	0.5
12.12.2015	19.12.2015	19.12.2015 to 26.12.2015	43.65	25.46	6.24	23.56	0.4
16.12.2015	26.12.2015	26.12.2015 to 02.12.2016	42.56	24.62	6.12	24.62	0.48
19.12.2015	26.12.2015	26.12.2015 to 02.12.2016	42.86	24.86	5.24	25.14	0.5
23.12.2015	02.01.2016	02.01.2016 to 11.12.2016	41.43	26.52	6.14	24.79	0.48
26.12.2015	02.01.2016	02.01.2016 to 11.12.2016	39.56	28.74	6.42	26.54	0.5
January 2016							
02.01.2016	13.01.2016	13.01.2016 to 21.01.2016	44.32	26.86	5.20	20.14	0.30
06.01.2016	13.01.2016	13.01.2016 to 21.01.2016	42.38	28.84	5.98	24.89	0.32
09.12.2016	19.01.2016	19.01.2016 to 26.01.2016	38.89	24.46	5.42	23.42	0.39
13.12.2016	19.01.2016	19.01.2016 to 26.01.2016	42.56	25.56	6.14	21.46	0.4

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/808							
Location : Ramkanali		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m ³
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
20.10.2015	29.10.2015	29.10.2015 to 06.11.2015	47.56	27.33	12.64	27.56	0.89
23.10.2015	29.10.2015	29.10.2015 to 06.11.2015	45.56	26.52	16.26	24.26	0.9
27.10.2015	05.11.2015	05.11.2015 to12.11.2015	44.56	24.56	16.24	19.56	1.0
30.10.2015	05.11.2015	05.11.2015 to12.11.2015	46.78	23.64	15.32	18.26	0.84
November-2015							
03.11.2015	12.11.2015	12.11.2015 to 20.11.2015	49.38	19.84	14.98	19.89	0.78
06.11.2015	12.11.2015	12.11.2015 to 20.11.2015	48.16	29.14	14.12	27.48	0.7
10.11.2015	19.11.2015	19.11.2015 to 26.11.2015	34.0	25.47	18.28	26.31	0.6
13.11.2015	19.11.2015	19.11.2015 to 26.11.2015	34.16	18.78	12.09	13.68	0.99
17.11.2015	28.11.2015	28.11.2015 to 07.12.2015	38.84	16.86	11.99	18.26	1.0
20.11.2015	28.11.2015	28.11.2015 to 07.12.2015	45.68	24.42	14.28	24.56	0.9
24.11.2015	03.12.2015	03.12.2015 to 10.12.2015	44.56	23.54	13.24	22.54	0.92
27.11.2015	03.12.2015	03.12.2015 to 10.12.2015	39.56	20.14	12.89	20.16	0.92
December-2015							
02.12.2015	11.12.2015	11.12.2015 to 18.12.2015	45.56	22.45	16.24	22.45	1.0
05.12.2015	11.12.2015	11.12.2015 to 18.12.2015	47.86	28.46	15.42	24.64	0.92
09.12.2015	19.12.2015	19.12.2015 to 26.12.2015	46.54	26.24	14.86	23.64	0.90
12.12.2015	19.12.2015	19.12.2015 to 26.12.2015	45.62	25.42	16.24	20.56	0.92
16.12.2015	26.12.2015	26.12.2015 to 02.12.2016	45.62	24.24	15.62	22.46	1.0
19.12.2015	26.12.2015	26.12.2015 to 02.12.2016	39.24	14.26	12.68	21.42	0.92
23.12.2015	02.01.2016	02.01.2016 to 11.12.2016	38.26	18.64	12.14	21.26	0.89
26.12.2015	02.01.2016	02.01.2016 to 11.12.2016	32.5	19.75	13.13	20.24	1.0
January 2016							
02.01.2016	13.01.2016	13.01.2016 to 21.01.2016	46.56	26.38	12.64	27.56	0.89
06.01.2016	13.01.2016	13.01.2016 to 21.01.2016	44.26	24.56	10.26	22.46	0.92
09.12.2016	19.01.2016	19.01.2016 to 26.01.2016	45.28	20.45	11.24	21.56	0.92
13.12.2016	19.01.2016	19.01.2016 to 26.01.2016	45.98	21.12	10.64	20.89	0.9

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/809							
Location : Jitpur		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m ³
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
20.10.2015	29.10.2015	29.10.2015 to 06.11.2015	39.24	24.26	12.68	21.42	0.92
23.10.2015	29.10.2015	29.10.2015 to 06.11.2015	38.26	28.64	12.14	21.26	0.89
27.10.2015	05.11.2015	05.11.2015 to12.11.2015	38.89	24.46	5.42	23.42	0.89
30.10.2015	05.11.2015	05.11.2015 to12.11.2015	40.89	24.46	6.12	25.84	0.68
November-2015							
03.11.2015	12.11.2015	12.11.2015 to 20.11.2015	34.0	25.47	18.28	26.31	0.6
06.11.2015	12.11.2015	12.11.2015 to 20.11.2015	34.16	25.78	12.09	13.68	0.99
10.11.2015	19.11.2015	19.11.2015 to 26.11.2015	38.84	26.86	11.99	18.26	1.0
13.11.2015	19.11.2015	19.11.2015 to 26.11.2015	42.56	25.56	8.14	21.46	0.78
17.11.2015	28.11.2015	28.11.2015 to 07.12.2015	41.43	26.52	10.14	24.79	0.68
20.11.2015	28.11.2015	28.11.2015 to 07.12.2015	42.38	25.42	12.24	22.45	0.80
24.11.2015	03.12.2015	03.12.2015 to 10.12.2015	39.56	28.74	12.42	26.54	0.74
27.11.2015	03.12.2015	03.12.2015 to 10.12.2015	40.26	26.54	8.24	25.64	0.89
December-2015							
01.12.2015	12.12.2015	12.12.2015 to 21.12.2015	33.33	26.64	10.24	21.26	0.82
02.12.2015	12.12.2015	12.12.2015 to 21.12.2015	34.0	25.47	8.28	26.31	0.6
08.12.2015	19.12.2015	19.12.2015 to 28.12.2015	34.12	23.56	11.24	25.36	0.75
09.12.2015	19.12.2015	19.12.2015 to 28.12.2015	32.18	24.26	10.28	22.46	0.8
14.12.2015	26.12.2015	26.12.2015 to 04.01.2016	35.64	24.28	11.48	22.38	0.65
15.12.2015	26.12.2015	26.12.2015 to 04.01.2016	41.43	26.52	10.14	24.79	0.68
21.12.2015	02.01.2016	02.01.2016 to 11.01.2016	40.54	27.24	11.24	22.56	0.70
22.12.2015	02.01.2016	02.01.2016 to 11.01.2016	33.33	26.64	10.24	21.26	0.82
28.12.2015	06.01.2016	06.01.2016 to 15.01.2016	32.24	24.28	10.28	22.46	0.82
29.12.2015	06.01.2016	06.01.2016 to 15.01.2016	35.64	24.28	11.48	22.38	0.65
January 2016							
02.01.2016	13.01.2016	13.01.2016 to 21.01.2016	33.16	26.78	12.12	24.98	0.90
06.01.2016	13.01.2016	13.01.2016 to 21.01.2016	34.16	25.78	12.09	23.68	0.89
09.12.2016	19.01.2016	19.01.2016 to 26.01.2016	33.84	26.86	11.99	25.26	0.85
13.12.2016	19.01.2016	19.01.2016 to 26.01.2016	32.86	25.46	11.87	23.26	0.98

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Report No. AB/VSI/01/2016/810							
Location : Belkupa		Name of Project: M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand					
Sampling Date	Date of Sample Registration	Analysis Date	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³	CO Mg/m3
		Standards Limit	100 (µg/m3)	60 (µg/m3)	80 (µg/m3)	80 (µg/m3)	2.0 (mg/m3)
OCT-2015							
21.10.2015	30.10.2015	30.10.2015 to 07.11.2015	40.85	20.26	8.54	17.28	0.62
24.10.2015	30.10.2015	30.10.2015 to 07.11.2015	38.97	14.26	7.48	16.48	0.68
28.10.2015	07.11.2015	07.11.2015 to 14.11.2015	36.54	18.26	5.48	12.68	0.60
31.10.2015	07.11.2015	07.11.2015 to 14.11.2015	36.12	18.20	5.42	12.52	0.62
November-2015							
04.11.2015	13.11.2015	13.11.2015 to 21.11.2015	39.46	22.28	6.48	14.56	0.69
07.11.2015	13.11.2015	13.11.2015 to 21.11.2015	40.12	21.24	9.54	18.24	0.72
11.11.2015	21.11.2015	21.11.2015 to 28.11.2015	38.68	19.20	10.54	19.64	0.69
14.11.2015	21.11.2015	21.11.2015 to 28.11.2015	37.46	21.24	8.56	15.64	0.68
18.11.2015	28.11.2015	28.11.2015 to 05.12.2015	39.45	20.56	8.48	16.24	0.70
21.11.2015	28.11.2015	28.11.2015 to 05.12.2015	40.14	21.26	9.42	16.48	0.84
25.11.2015	05.12.2015	05.12.2015 to 14.12.2015	36.54	22.45	8.46	14.26	0.80
28.11.2015	05.12.2015	05.12.2015 to 14.12.2015	38.56	21.53	8.12	14.24	0.78
December-2015							
03.12.2015	14.12.2015	14.12.2015 to 21.12.2015	41.26	25.56	6.24	20.14	0.6
07.12.2015	14.12.2015	14.12.2015 to 21.12.2015	40.98	24.89	5.28	19.18	0.58
10.12.2015	22.12.2015	22.12.2015 to 29.12.2015	39.56	23.16	6.18	21.48	0.62
14.12.2015	22.12.2015	22.12.2015 to 29.12.2015	40.19	23.18	5.14	21.42	0.60
17.12.2015	28.12.2015	28.12.2015 to 05.01.2016	38.74	26.24	6.24	20.48	0.64
21.12.2015	28.12.2015	28.12.2015 to 05.01.2016	35.46	23.24	8.46	21.24	0.62
24.12.2015	04.01.2016	04.01.2016 to 12.01.2016	36.12	18.45	6.48	15.49	0.60
28.12.2015	04.01.2016	04.01.2016 to 12.01.2016	35.97	14.26	7.48	16.48	0.68
January 2016							
01.01.2016	11.01.2016	11.01.2016 to 19.01.2016	39.24	24.26	6.68	18.42	0.82
05.01.2016	11.01.2016	11.01.2016 to 19.01.2016	38.26	28.64	5.14	19.26	0.69
08.01.2016	16.01.2016	16.01.2016 to 22.01.2016	38.89	24.46	5.42	20.42	0.68
11.01.2016	16.01.2016	16.01.2016 to 22.01.2016	40.89	24.46	6.12	20.84	0.68

Remark & Observation: All Parameters are within the NAAQS Standard.

Signature of Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

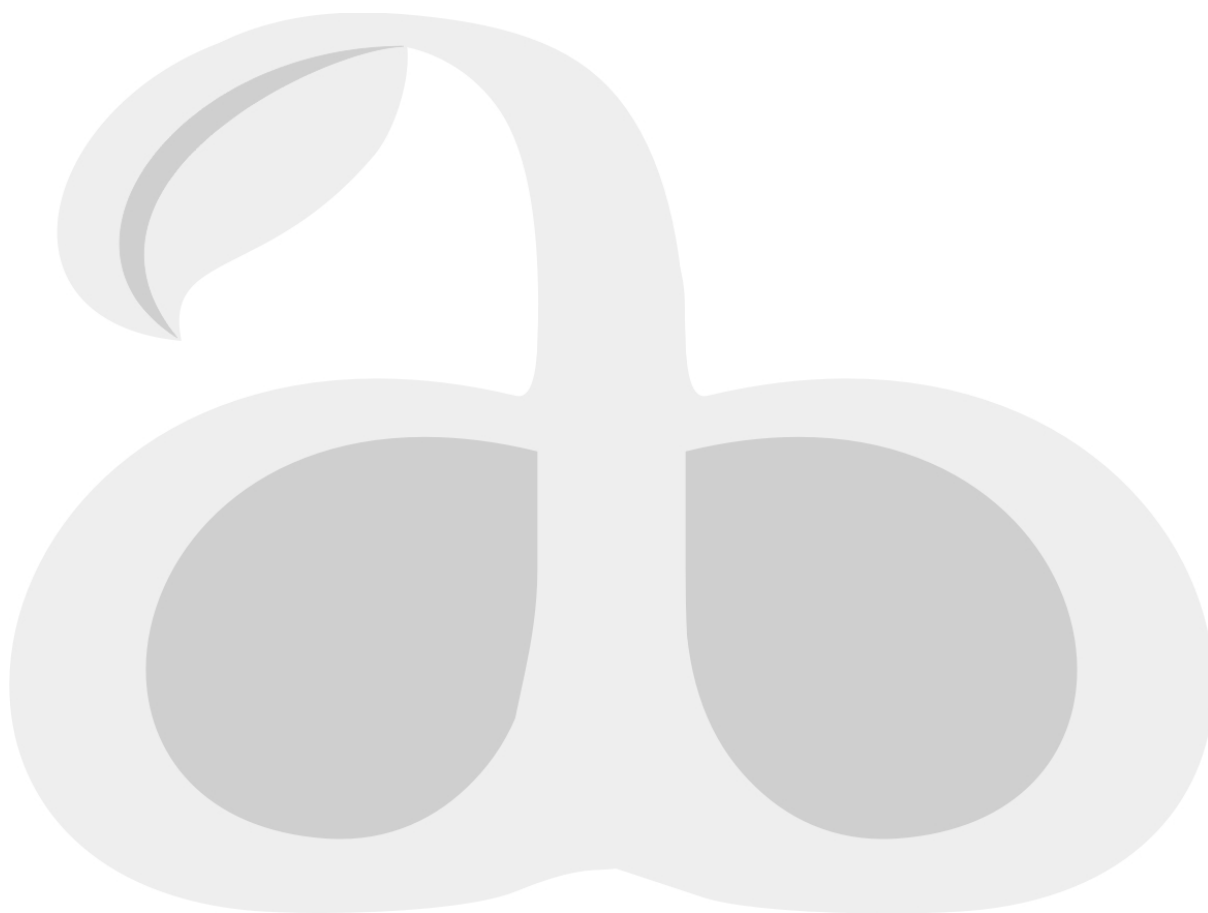
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/811		
Sample Location		Project Site		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		19.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.		Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	68.3	-
2	8:00	dB(A)	69.1	-
3	9:00	dB(A)	71.2	-
4	10:00	dB(A)	74.2	-
5	11:00	dB(A)	70.1	-
6	12:00	dB(A)	70.3	-
7	13:00	dB(A)	71.7	-
8	14:00	dB(A)	75.4	-
9	15:00	dB(A)	74.7	-
10	16:00	dB(A)	72.1	-
11	17:00	dB(A)	75.3	-
12	18:00	dB(A)	75.9	-
13	19:00	dB(A)	76.1	-
14	20:00	dB(A)	74.2	-
15	21:00	dB(A)	73.2	-
16	22:00	dB(A)	70.1	-
17	23:00	dB(A)	-	74.7
18	24:00	dB(A)	-	73.8
19	1:00	dB(A)	-	72.8
20	2:00	dB(A)	-	71.0
21	3:00	dB(A)	-	74.3
22	4:00	dB(A)	-	72.6

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

23	5:00	dB(A)	-	71.3
24	6:00	dB(A)	-	75.6

Signature of Technical Manager

Authorized Signatory



ENalyze*

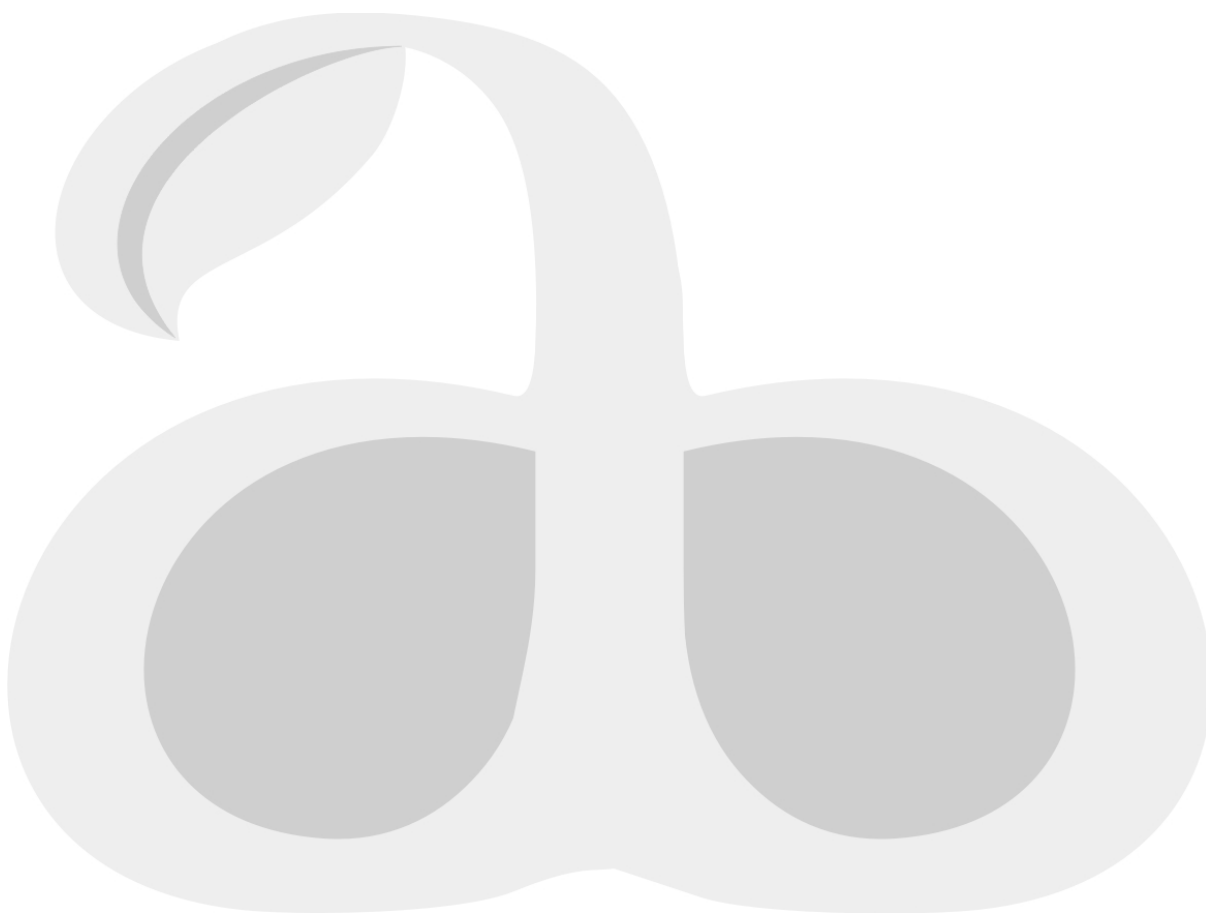
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/812		
Sample Location		Dubhi		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		20.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	45.6	-
2	8:00	dB(A)	44.3	-
3	9:00	dB(A)	49.2	-
4	10:00	dB(A)	50.1	-
5	11:00	dB(A)	52.9	-
6	12:00	dB(A)	52.7	-
7	13:00	dB(A)	53.1	-
8	14:00	dB(A)	54.0	-
9	15:00	dB(A)	57.4	-
10	16:00	dB(A)	54.1	-
11	17:00	dB(A)	53.2	-
12	18:00	dB(A)	55.1	-
13	19:00	dB(A)	56.3	-
14	20:00	dB(A)	57.3	-
15	21:00	dB(A)	50.3	-
16	22:00	dB(A)	52.4	-
17	23:00	dB(A)	-	52.3
18	24:00	dB(A)	-	51.0

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

19	1:00	dB(A)	-	50.7
20	2:00	dB(A)	-	49.7
21	3:00	dB(A)	-	48.3
22	4:00	dB(A)	-	45.7
23	5:00	dB(A)	-	44.1
24	6:00	dB(A)	-	44.9

Signature of Technical Manager

Authorized Signatory



ENalyse*

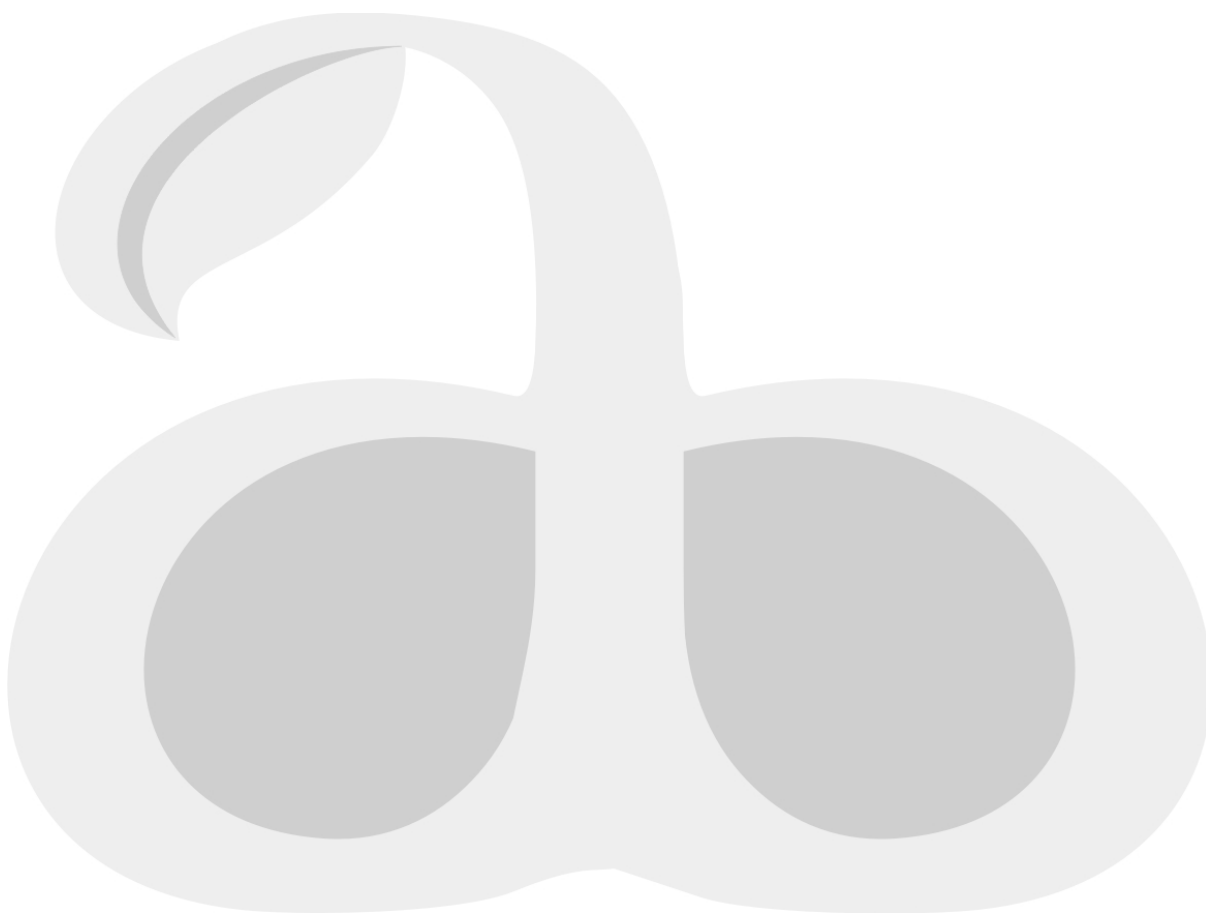
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/813		
Sample Location		Barwa		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		21.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	46.2	-
2	8:00	dB(A)	46.7	-
3	9:00	dB(A)	49.2	-
4	10:00	dB(A)	50.1	-
5	11:00	dB(A)	50.2	-
6	12:00	dB(A)	51.7	-
7	13:00	dB(A)	50.3	-
8	14:00	dB(A)	51.6	-
9	15:00	dB(A)	52.2	-
10	16:00	dB(A)	52.2	-
11	17:00	dB(A)	51.1	-
12	18:00	dB(A)	50.2	-
13	19:00	dB(A)	49.2	-
14	20:00	dB(A)	48.1	-
15	21:00	dB(A)	48.8	-
16	22:00	dB(A)	47.8	-
17	23:00	dB(A)	-	46.2
18	24:00	dB(A)	-	45.4
19	1:00	dB(A)	-	40.2
20	2:00	dB(A)	-	48.2

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

21	3:00	dB(A)	-	46.1
22	4:00	dB(A)	-	45.1
23	5:00	dB(A)	-	44.1
24	6:00	dB(A)	-	43.1

Signature of Technical Manager

Authorized Signatory



ENalyse*

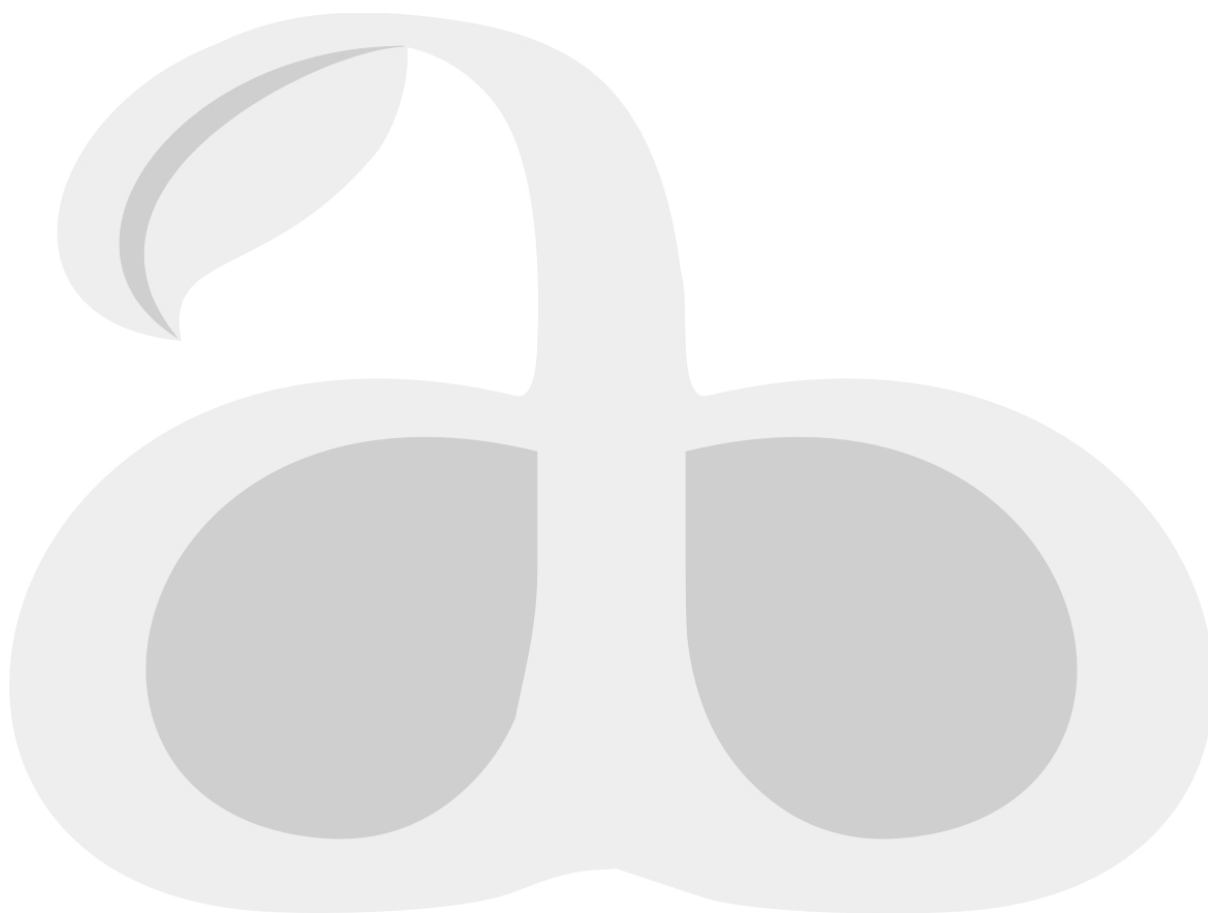
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/814		
Sample Location		Tetulia		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		22.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	42.3	-
2	8:00	dB(A)	44.7	-
3	9:00	dB(A)	47.2	-
4	10:00	dB(A)	48.1	-
5	11:00	dB(A)	47.2	-
6	12:00	dB(A)	48.3	-
7	13:00	dB(A)	49.2	-
8	14:00	dB(A)	49.0	-
9	15:00	dB(A)	49.4	-
10	16:00	dB(A)	49.2	-
11	17:00	dB(A)	48.1	-
12	18:00	dB(A)	50.2	-
13	19:00	dB(A)	51.3	-
14	20:00	dB(A)	51.2	-
15	21:00	dB(A)	50.1	-
16	22:00	dB(A)	48.7	-
17	23:00	dB(A)	-	47.2
18	24:00	dB(A)	-	45.9
19	1:00	dB(A)	-	44.1
20	2:00	dB(A)	-	41.2

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

21	3:00	dB(A)	-	42.2
22	4:00	dB(A)	-	40.1
23	5:00	dB(A)	-	39.9
24	6:00	dB(A)	-	41.2

Signature of Technical Manager

Authorized Signatory



ENalyse*

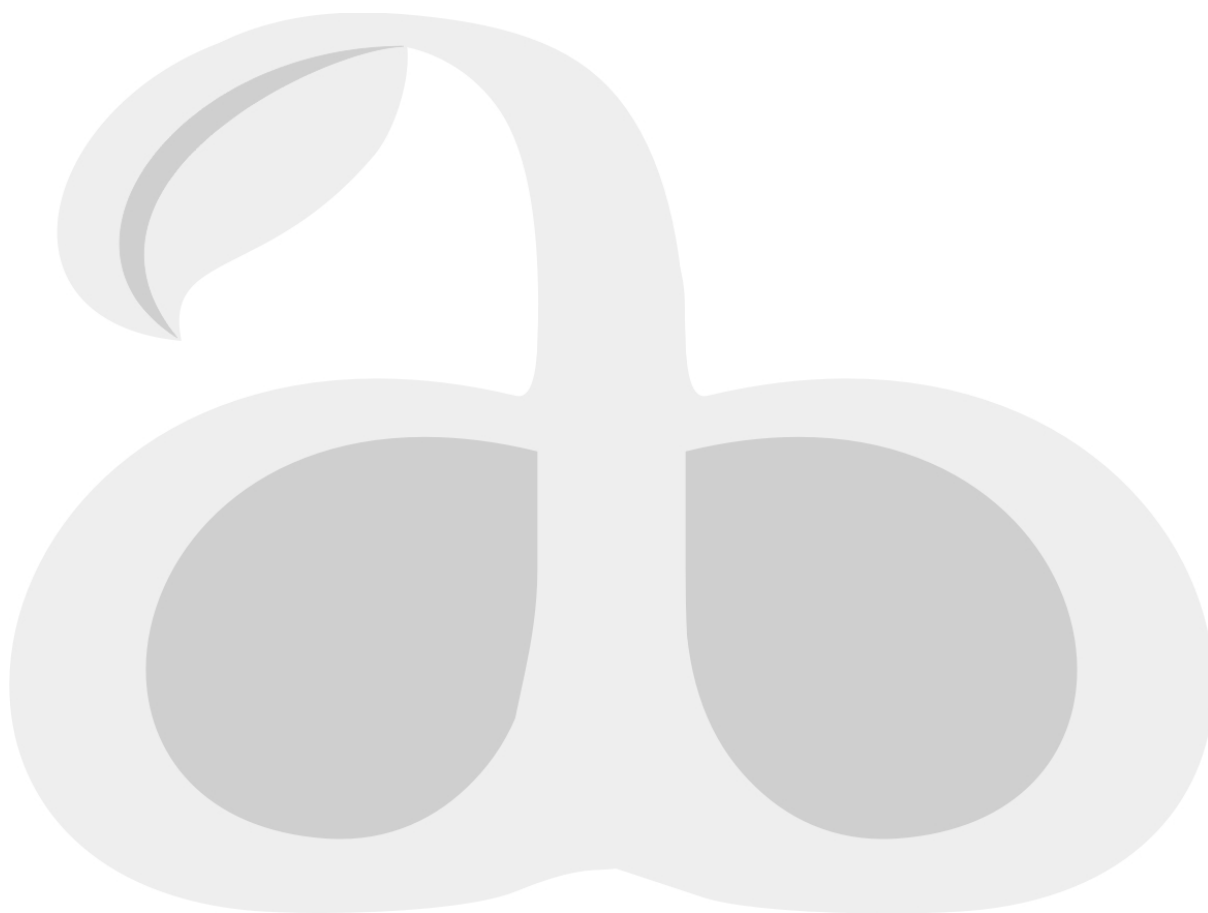
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/815		
Sample Location		Jitpur		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		23.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7: 30	dB(A)	44.9	-
2	8: 30	dB(A)	45.1	-
3	9: 30	dB(A)	46.3	-
4	10: 30	dB(A)	49.7	-
5	11: 30	dB(A)	48.9	-
6	12: 30	dB(A)	49.9	-
7	13:30	dB(A)	55.3	-
8	14: 30	dB(A)	54.1	-
9	15: 30	dB(A)	55.7	-
10	16: 30	dB(A)	54.9	-
11	17: 30	dB(A)	53.1	-
12	18: 30	dB(A)	48.1	-
13	19: 30	dB(A)	49.2	-
14	20: 30	dB(A)	49.0	-
15	21: 30	dB(A)	47.2	-
16	22. 30	dB(A)	46.1	-
17	23: 30	dB(A)	-	44.0
18	24: 30	dB(A)	-	43.0
19	1: 30	dB(A)	-	43.7
20	2: 30	dB(A)	-	46.1

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

21	3: 30	dB(A)	-	42.2
22	4: 30	dB(A)	-	42.3
23	5: 30	dB(A)	-	43.7
24	6: 30	dB(A)	-	44.9

Signature of Technical Manager

Authorized Signatory



ENalyse*

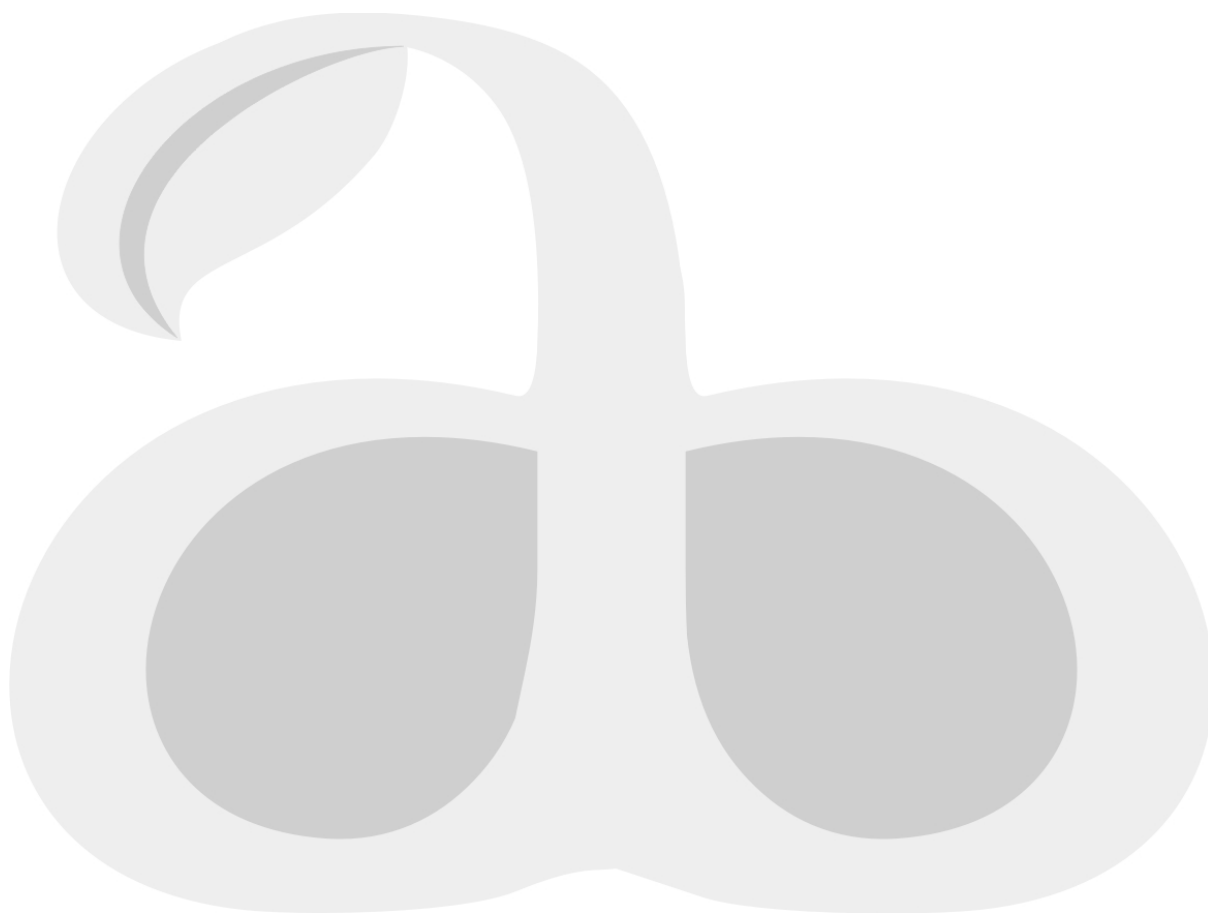
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/816		
Sample Location		Katajani		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		24.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	49.9	-
2	8:00	dB(A)	52.1	-
3	9:00	dB(A)	53.4	-
4	10:00	dB(A)	53.6	-
5	11:00	dB(A)	55.1	-
6	12:00	dB(A)	55.7	-
7	13:00	dB(A)	55.9	-
8	14:00	dB(A)	57.3	-
9	15:00	dB(A)	57.8	-
10	16:00	dB(A)	56.4	-
11	17:00	dB(A)	58.1	-
12	18:00	dB(A)	59.3	-
13	19:00	dB(A)	57.3	-
14	20:00	dB(A)	54.1	-
15	21:00	dB(A)	50.3	-
16	22:00	dB(A)	57.7	-
17	23:00	dB(A)	-	49.2
18	24:00	dB(A)	-	48.1
19	1:00	dB(A)	-	43.3
20	2:00	dB(A)	-	43.3

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

21	3:00	dB(A)	-	44.2
22	4:00	dB(A)	-	48.2
23	5:00	dB(A)	-	49.2
24	6:00	dB(A)	-	49.2

Signature of Technical Manager

Authorized Signatory



ENalyse*

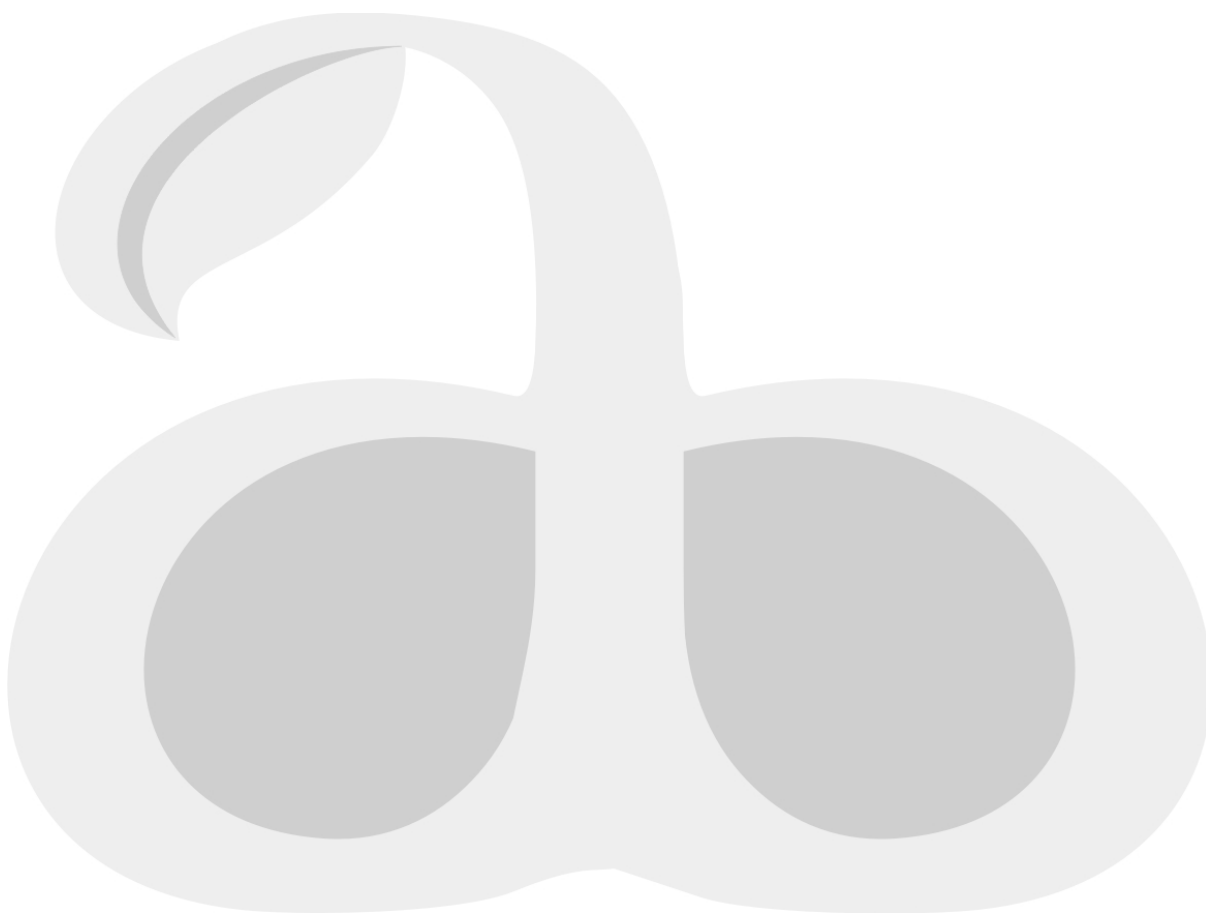
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/817		
Sample Location		Ramkanali		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		27.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	48.3	-
2	8:00	dB(A)	49.7	-
3	9:00	dB(A)	49.9	-
4	10:00	dB(A)	51.2	-
5	11:00	dB(A)	53.4	-
6	12:00	dB(A)	55.7	-
7	13:00	dB(A)	58.3	-
8	14:00	dB(A)	57.1	-
9	15:00	dB(A)	60.1	-
10	16:00	dB(A)	60.3	-
11	17:00	dB(A)	58.7	-
12	18:00	dB(A)	59.2	-
13	19:00	dB(A)	55.1	-
14	20:00	dB(A)	54.3	-
15	21:00	dB(A)	50.6	-
16	22:00	dB(A)	50.9	-
17	23:00	dB(A)	-	48.2
18	24:00	dB(A)	-	45.1
19	1:00	dB(A)	-	44.1
20	2:00	dB(A)	-	44.3

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

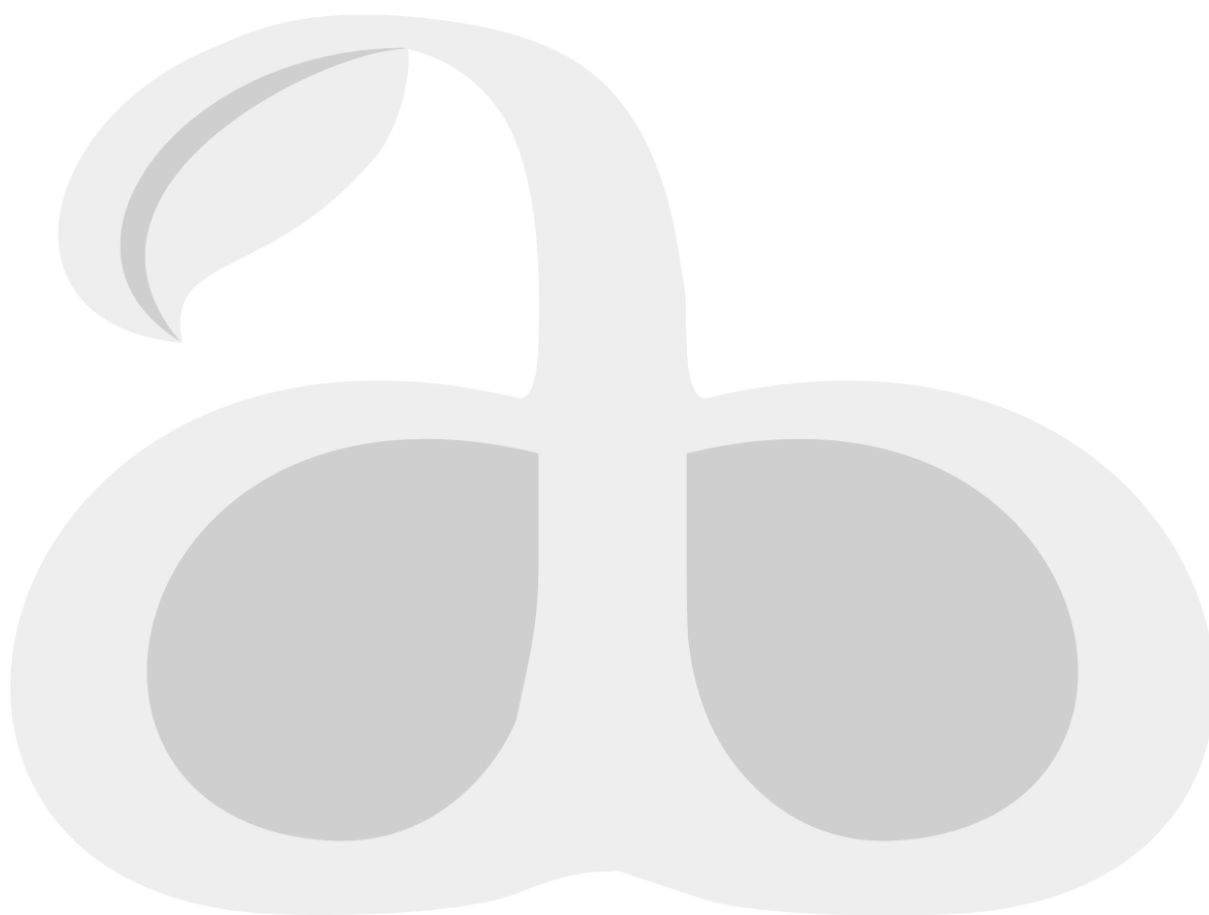
21	3:00	dB(A)	-	45.7
22	4:00	dB(A)	-	44.1
23	5:00	dB(A)	-	44.4
24	6:00	dB(A)	-	44.7

Signature of Technical Manager

Authorized Signatory



NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company



ENalyse*

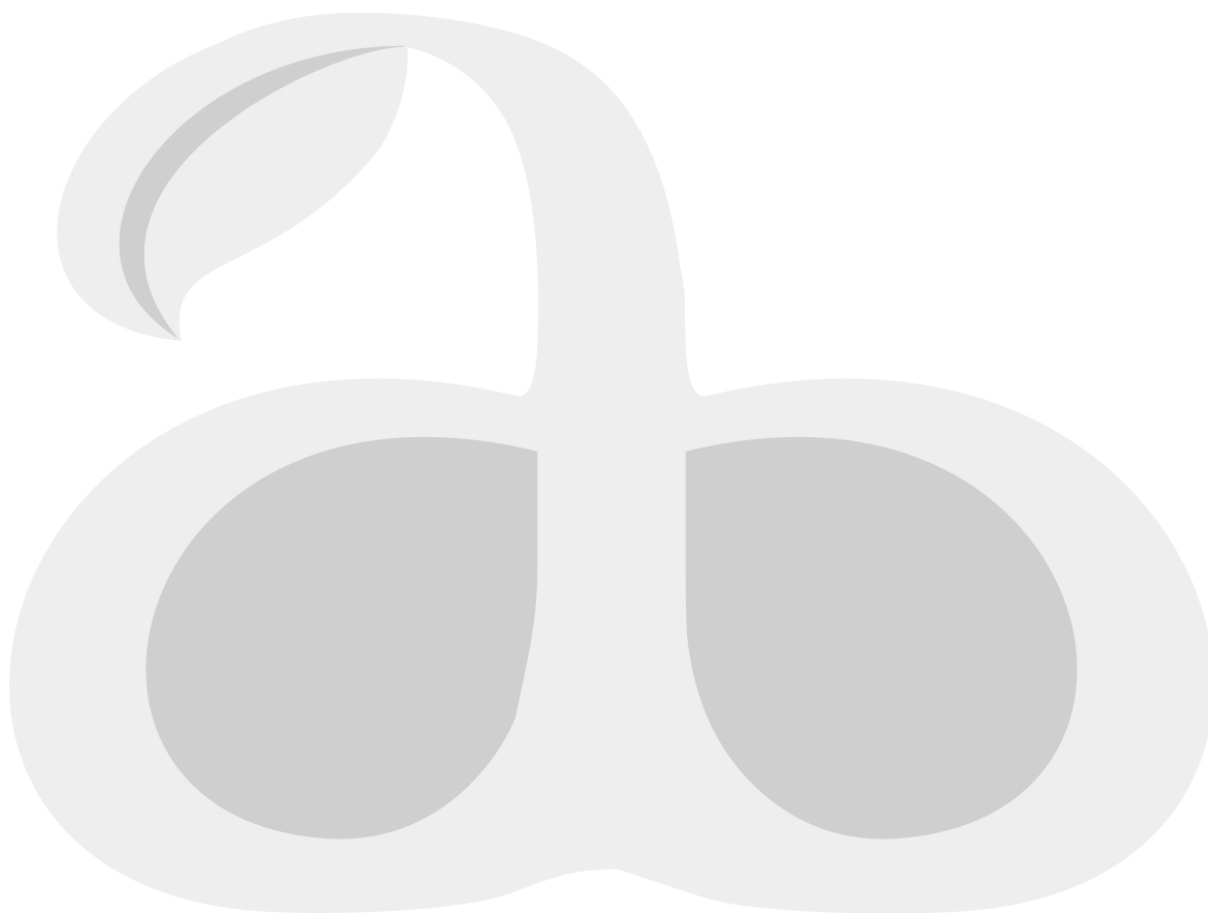
Ambient Noise Monitoring Report				
Sample Code		AB/VSI/01/2016/817A		
Sample Location		Belkupa		
Name of Client		M/s Ankur Biochem Ltd		
Address of Client		Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand		
Sample Collected By		Aavanira Biotech Ltd		
Date of Sampling		27.12.2015		
Sampling Duration		Hourly readings for Day & Night Time		
Reporting date		13.01.2016		
Sr. No.	Time	Unit	Result (Day Time)	Result (Night Time)
1	7:00	dB(A)	44.6	-
2	8:00	dB(A)	44.3	-
3	9:00	dB(A)	46.5	-
4	10:00	dB(A)	48.2	-
5	11:00	dB(A)	49.6	-
6	12:00	dB(A)	48.2	-
7	13:00	dB(A)	53.2	-
8	14:00	dB(A)	52.4	-
9	15:00	dB(A)	54.4	-
10	16:00	dB(A)	51.9	-
11	17:00	dB(A)	52.3	-
12	18:00	dB(A)	49.9	-
13	19:00	dB(A)	48.5	-
14	20:00	dB(A)	44.6	-
15	21:00	dB(A)	42.3	-
16	22:00	dB(A)	45.7	-
17	23:00	dB(A)	-	45.2
18	24:00	dB(A)	-	42.6
19	1:00	dB(A)	-	40.2
20	2:00	dB(A)	-	45.2

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

21	3:00	dB(A)	-	41.2
22	4:00	dB(A)	-	43.7
23	5:00	dB(A)	-	46.2
24	6:00	dB(A)	-	43.8

Signature of Technical Manager

Authorized Signatory



NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Analysis Report For Surface Water Samples		
Client Details Name & Address M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand	REPORT NO	AB/VSI/01/2016/818-827
	Sample Name	Surface water
	Sample Collected By	Aavanira Biotech Ltd
	Method for Sampling	--
	Sample Type	Water
	Sample Collected On	31.12.2015 to 01.01.2016
	Sample Received on	06.01.2015
	Analysis Date	06.01.2016 to 11.01.2016
	Reporting Date	12.01.2016
Sample returned /stored		Stored at 4°C for 1 week from the date of reporting

No.	Characteristics	Units	River Upstream	River Down stream	River near Mid Stream Outlet	Dubhi Pond	Ramkanali (Lake)	Limits as per IS 10500: 2012 Standard
1	Colour	Hazen	1.0	1.0	1.0	1.0	1.0	<5
2	Turbidity	NTU	1.6	0.7	0.8	10.3	2.6	<1.0
3	pH	--	7.82	7.46	7.44	6.93	7.14	6.5 to 8.5
4	TDS	mg/l	172	184	182	202	140	<500
5	Chlorides as Cl	mg/l	31.99	32.99	30.99	48.98	28.99	<200
6	Total Hardness as CaCO ₃	mg/l	104.95	106.93	108.91	108.91	49.50	<200
7	Total Alkalinity	mg/l	118.68	114.29	118.68	109.89	87.91	<200
8	Residual chlorine	mg/l	BDL	BDL	BDL	BDL	BDL	>0.20
9	Calcium as Ca ⁺⁺	mg/l	35.64	34.05	35.64	35.64	13.46	<75
10	Magnesium as Mg ⁺⁺	mg/l	3.84	5.29	4.81	4.81	3.85	<30
11	Sulphate as SO ₄	mg/l	21.90	23.60	15.0	13.20	BDL	<250
12	Iron as Fe	mg/l	BDL	BDL	BDL	0.0829	BDL	< 0.3
13	Total Coliform	MPN/100ml	1600	900	1600	1600	1600	Absent
14	<i>Escherichia coli</i>	MPN/100ml	1600	500	1600	1600	1600	Absent

Note BDL : Below Detectable Level
Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

No.	Characteristics	Units	Tetulia (Pond)	Barwa (Pond)	Parasi (Pond)	Katajani (Pond)	Belkupa (Lake)	Limits as per IS 10500: 2012 Standard
1	Colour	Hazen	1.0	1.0	1.0	1.0	1.0	<5
2	Turbidity	NTU	19.1	5.4	20.4	15.8	16.7	<1.0
3	pH	--	7.25	6.78	6.83	6.52	6.92	6.5 to 8.5
4	TDS	mg/l	394	106	104	80	158	<500
5	Chlorides as Cl	mg/l	145.95	17.99	21.99	24.99	32.99	<200
6	Total Hardness as CaCO ₃	mg/l	207.92	63.67	41.58	21.78	61.39	<200
7	Total Alkalinity	mg/l	105.49	83.52	70.33	35.16	114.29	<200
8	Residual chlorine	mg/l	BDL	BDL	BDL	BDL	BDL	>0.20
9	Calcium as Ca ⁺⁺	mg/l	60.19	19.0	13.46	7.12	18.22	<75
10	Magnesium as Mg ⁺⁺	mg/l	13.95	3.85	1.92	0.96	3.85	<30
11	Sulphate as SO ₄	mg/l	76.40	2.10	6.80	6.80	9.90	<250
12	Iron as Fe	mg/l	BDL	0.0044	BDL	BDL	0.1027	< 0.3
13	Total Coliform	MPN/100ml	1600	1600	1600	1600	1600	Absent
14	<i>Escherichia coli</i>	MPN/100ml	1600	900	1600	300	1600	Absent

Note BDL : Below Detectable Level

Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Analysis Report For Ground Water Sample		
Client Details Name & Address M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand	REPORT NO	AB/VSI/01/2016/828-835
	Sample Name	Ground water
	Sample Collected By	Aavanira Biotech Ltd
	Method for Sampling	--
	Sample Type	Water
	Sample Collected On	31.12.2015 to 01.01.2016
	Sample Received on	06.01.2016
	Analysis Date	06.01.2016 to 11.01.2016
	Reporting Date	12.01.2016
Sample returned /stored		Stored at 4oC for 1 week from the date of reporting

No.	Characteristics	Units	Project Site (Borewell)	Dubhi (Borewell)	Ramkanali wellwater	Tetulia wellwater	Barwa wellwater	Parasi HandPump	Katajani HandPump	Belkupa Wellwater	Limits as per IS 10500: 2012 Standard
1	pH	--	7.54	6.39	7.32	6.81	6.80	6.97	6.97	7.00	6.5 to 8.5
2	Conductivity	μohms	170.7	408	808	884	635	230	346	957	-
3	TDS	mg/l	118	272	534	584	426	168	236	645	<500
4	TSS	mg/l	2.0	22	15	6.0	4.0	2.0	18	2.0	-
5	Chlorides as Cl	mg/l	9.0	49.98	55.98	107.97	70.98	17.99	15	130.96	<200
6	Total Hardness as CaCO ₃	mg/l	65.35	160.40	259.40	287.13	245.54	51.49	120.79	269.31	<200
7	Total Alkalinity	mg/l	74.73	123.08	272.53	74.73	74.73	65.93	149.45	74.73	<200
8	Residual chlorine	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	>0.20
9	Nitrates	mg/l	11.29	0.02	6.53	8.98	8.92	2.28	0.08	8.92	<45
10	Sulphate as SO ₄	mg/l	BDL	12.30	40.10	46.50	36.80	BDL	7.80	64.10	<250
11	Total Coliform	MPN/100ml	23	<2	1600	1600	1600	<2	<2	1600	Absent

Note BDL : Below Detectable Level

Technical Manager

Authorized Signatory

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

Analysis Report For Soil Sample

Client Details Name & Address M/s Ankur Biochem Ltd Dubhi, Post –Nirsa, Dist –Dhanbad, Jharkhand	REPORT NO	AB/VSI/01/2016/836-844
	Sample Name	Soil
	Sample Collected By	Aavanira Biotech Ltd
	Method for Sampling	--
	Sample Type	Water
	Sample Collected On	31.12.2015 to 01.01.2016
	Sample Received on Date	06.01.2016
	Analysis Date	06.01.2016 to 11.01.2016
	Reporting Date	20.01.2016
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

No.	Characteristics	Units	Project Site	Dubhi	Ramkanali	Tetulia	Barwa	Parasi	Katajani	Belkruppa
1	pH	--	5.57	5.98	5.13	5.41	5.13	5.31	5.73	4.63
2	EC (μmhos/cm)	μohms	100.7	31.9	32.30	72.90	81.70	55.10	163	35
3	Calcium Carbonate	%	0.48	0.52	0.442	0.456	0.449	0.504	0.517	0.511
4	Nitrogen	mg/kg	949.09	220.33	445.11	288.66	290.24	348.04	869.82	1611.82
5	Phosphorus	mg/kg	181.2	91.70	95.65	167.1	139.3	135.8	198.3	502.1
6	Potassium	mg/kg	111.4	444.5	206.4	627.9	719.0	768.3	169.5	3142
7	NPK Value	mg/kg	1241.69	756.53	747.16	1083.66	1148.54	1252.14	1237.62	5255.92
8	Soil Texture	-I	Clay	Sandy clay Loam	Clay	Clay	Clay	Clay	Clay Loam	Clay Loam
9	Soil Moisture	%	3.97	2.32	1.22	1.57	1.10	1.50	3.37	3.45
10	Water holding capacity	%	25.4	43.5	35.2	39.5	35.5	36	43.4	47.5
11	TOC	%	0.25	0.16	0.38	0.77	0.75	0.64	1.46	1.60
12	Salinity	-	0.09	0.05	0.02	0.08	0.08	0.03	0.12	0.44
13	Porosity	-	53.21	46.79	53.21	52.83	52.83	51.70	49.06	49.06
14	Organic Matter	%	0.44	0.28	0.65	1.33	1.30	1.10	2.52	2.75
15	Cation Exchange Capacity	-	3.37	5.0	3.83	8.30	9.34	12.40	6.56	44.56
16	Nitrate	mg/kg	0.09	BDL	BDL	BDL	0.31	BDL	BDL	1.07
17	Sulphate	mg/kg	89.28	195.79	95.54	182.47	113.56	197.35	245.13	549.77
18	SAR	-	10.83	1.11	0.77	1.0	0.91	0.43	0.79	0.57

Note BDL : Below Detectable Level

Signature of Technical Manager

Authorized Signatory

