

No.80, 7th Cross Street, Santhosh Nagar, Puthagaram, Teachers Colony, Kolathur, Chennai 600 099. E-mail: lab@avison.in | www.avison.in



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#### TEST REPORT

Job No. 700/23-24 Report No. TC507423000005424F Report Date 26.12.2023

Sample Description : Ambient Air Quality Monitoring

Customer Name : M/s. BBL DAIDO Pvt Ltd,

Customer Address : R.S. No. 19, Vandalur - Kelambakkam Road,

Pudupakkam, Tamilnadu - 603103.

Sample Drawn by : AES

: AES

Sampling Method #

: AES/EN/GEN/SOP/002

Date of Monitoring

: 18.12.2023

Time of Monitoring

: 0900 Hrs to 1700 Hrs

Location

: Near BG Cooling Tower

Temperature

:31.5°C :60%

Sample Code
Sample Received On

: AES2312343 : 19.12.2023 Humidity Sample Completed On

: 26.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Particulate Matter 2.5	IS:5182 (Part-24)2019	μg/m³	21.7	60
2.	Particulate Matter 10	IS:5182 (Part-23)2006	μg/m³	62.7	100
3.	Sulphur Dioxide as SO <sub>2</sub>	IS:5182 (Part-2)2001	μg/m³	BDL (DL:5.0)	80
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	μg/m³	22.1	80
5.	Carbon Monoxide as CO	AES/EN/AQM/SOP/006	mg/m <sup>3</sup>	BDL (DL:1.15)	4.0
6.	Ozone as O <sub>3</sub>	IS:5182 (Part-9)1974	μg/m³	BDL (DL:20.0)	180
7.	Ammonia as NH <sub>3</sub>	IS:5182 (Part-25)2018	μg/m³	BDL (DL :20.0)	400
8.	Lead as Pb	IS:5182 (Part-22)2004	μg/m³	BDL (DL:0.001)	1.0
9.	Arsenic as As	USEPA Compendium Method IO 3.4:1999	ng/m³	BDL (DL :0.1)	20
10.	Nickel as Ni	USEPA Compendium Method IO- 3.4:1999	ng/m³	BDL (DL :5.0)	6.0
11.	Benzo(a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BDL (DL:0.02)	1.0
12.	Benzene as C6H6	IS:5182 (Part-11)2006	μg/m³	BDL (DL:0.5)	5.0

For AVISON ENVIRO SYSTEMS LLP

Verified by

Note: BDL – Below Detection Limit DL – Detection Limit \*\*\*End of Report\*\*\*
1 of 1

Authorized Signatory

U. ANBARASAN

DEPUTY MANAGER - TECHNICAL

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#### TEST REPORT

Job No. 700/23-24 Report No. TC507423000005425F Report Date 26.12.2023

**Sample Description** 

: Ambient Air Quality Monitoring

**Customer Name** 

: M/s. BBL DAIDO Pvt Ltd,

**Customer Address** 

: R.S. No. 19, Vandalur - Kelambakkam Road.

Pudupakkam, Tamilnadu - 603103.

Sample Drawn by

Sampling Method

: AES/EN/GEN/SOP/002

**Date of Monitoring** 

: 18.12.2023

Time of Monitoring

: 0915 Hrs to 1715 Hrs

Location

: Near FPS Area

Temperature Humidity

:31.5°C : 60%

: 26.12.2023

Sample Code Sample Received On : AES2312344 : 19.12.2023

Sample Completed On

Max S.No Description Method of Reference Units Results Limits (CPCB) 1 IS:5182 (Part-24)2019 Particulate Matter 2.5 μg/m<sup>3</sup> 24.9 60 2. IS:5182 (Part-23)2006 Particulate Matter 10 μg/m³ 67.2 100 3. Sulphur Dioxide as SO2 BDL (DL:5.0) IS:5182 (Part-2)2001 ug/m3 80 4. Nitrogen Dioxide as NOX IS:5182 (Part-6)2006 ug/m3 20.6 80 5. Carbon Monoxide as CO AES/EN/AQM/SOP/006 mg/m<sup>3</sup> BDL (DL:1.15) 4.0 6. Ozone as O<sub>3</sub> IS:5182 (Part-9)1974 μg/m<sup>3</sup> BDL (DL:20.0) 180 7. Ammonia as NH<sub>3</sub> IS:5182 (Part-25)2018 μg/m<sup>3</sup> BDL (DL:20.0) 400 8. Lead as Pb IS:5182 (Part-22)2004 цg/m³ BDL (DL:0.001) 1.0 USEPA Compendium Method IO 9. Arsenic as As BDL (DL:0.1) ng/m<sup>3</sup> 20 3.4:1999 USEPA Compendium Method 10-10. Nickel as Ni ng/m<sup>3</sup> BDL (DL:5.0) 6.0 3.4:1999 11. ng/m3 Benzo(a) Pyrene Bap BDL (DL:0.02) IS:5182 (Part-12)2004 1.0

IS:5182 (Part-11)2006

For AVISON ENVIRO SYSTEMS LLP

BDL (DL:0.5)

цg/m<sup>3</sup>

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12.

Note: BDL - Below Detection Limit DL - Detection Limit

Benzene as C6H6

\*\*End of Report\*\*\*

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5.0

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#### TEST REPORT

Job No. 700/23-24 Report No. TC507423000005426F **Report Date** 26.12.2023

Sample Description

: Ambient Air Quality Monitoring

**Customer Name** 

: M/s. BBL DAIDO Pvt Ltd,

**Customer Address** 

: R.S. No. 19, Vandalur - Kelambakkam Road,

Pudupakkam, Tamilnadu - 603103.

Sample Drawn by

Sampling Method

: AES/EN/GEN/SOP/002

Date of Monitoring

: 18.12.2023

Time of Monitoring

: 0930 Hrs to 1730 Hrs

Location

: Near Main Gate

Temperature

:31.5°C

Sample Code Sample Received On : AES2312345 : 19.12.2023

Humidity Sample Completed On

: 60% : 26.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Particulate Matter 2.5	IS:5182 (Part-24)2019	μg/m³	27.5	60
2.	Particulate Matter 10	IS:5182 (Part-23)2006	μg/m³	69.0	100
3.	Sulphur Dioxide as SO <sub>2</sub>	IS:5182 (Part-2)2001	μg/m³	BDL (DL:5.0)	80
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	μg/m³	24.3	80
5.	Carbon Monoxide as CO	AES/EN/AQM/SOP/006	mg/m <sup>3</sup>	BDL (DL:1.15)	4.0
6.	Ozone as O <sub>3</sub>	IS:5182 (Part-9)1974	μg/m³	BDL (DL:20.0)	180
7.	Ammonia as NH <sub>3</sub>	IS:5182 (Part-25)2018	μg/m³	BDL (DL:20.0)	400
8.	Lead as Pb	IS:5182 (Part-22)2004	μg/m³	BDL (DL:0.001)	1.0
9.	Arsenic as As	USEPA Compendium Method IO 3.4:1999	ng/m³	BDL (DL:0.1)	20
10.	Nickel as Ni	USEPA Compendium Method IO- 3.4:1999	ng/m³	BDL (DL:5.0)	6.0
11.	Benzo(a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BDL (DL:0.02)	1.0
12.	Benzene as C6H6	IS:5182 (Part-11)2006	μg/m³	BDL (DL:0.5)	5.0

For AVISON ENVIRO SYSTEMS LLP

Note: BDL - Below Detection Limit DL - Detection Limit

End of Report\*\*\* 1 of 1

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### TEST REPORT

Job No. 700/23-24 Report No. TC507423000005427F Report Date 26.12.2023

Sample Description : Ambient Air Quality Monitoring

Customer Name : M/s. BBL DAIDO Pvt Ltd,

Customer Address : R.S. No. 19, Vandalur - Kelambakkam Road,

: 19.12.2023

Pudupakkam, Tamilnadu - 603103.

Sample Drawn by : AES

Date of Monitoring : 18.12.2023

Location : Near STP Area
Sample Code : AES2312346

Sample Received On

Sampling Method

Time of Monitoring : 0945 Hrs to 1745 Hrs
Temperature : 31.5°C

: AES/EN/GEN/SOP/002

Humidity : 60% Sample Completed On : 26.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Particulate Matter 2.5	IS:5182 (Part-24)2019	μg/m³	16.2	60
2.	Particulate Matter 10	IS:5182 (Part-23)2006	μg/m³	49.2	100
3.	Sulphur Dioxide as SO <sub>2</sub>	IS:5182 (Part-2)2001	μg/m³	BDL (DL:5.0)	80
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	μg/m³	17.2	80
5.	Carbon Monoxide as CO	AES/EN/AQM/SOP/006	mg/m³	BDL (DL:1.15)	4.0
6.	Ozone as O <sub>3</sub>	IS:5182 (Part-9)1974	μg/m³	BDL (DL:20.0)	180
7.	Ammonia as NH <sub>3</sub>	IS:5182 (Part-25)2018	μg/m³	BDL (DL:20.0)	400
8.	Lead as Pb	IS:5182 (Part-22)2004	μg/m³	BDL (DL:0.001)	1.0
9.	Arsenic as As	USEPA Compendium Method IO 3.4:1999	ng/m³	BDL (DL:0.1)	20
10.	Nickel as Ni	USEPA Compendium Method IO- 3.4:1999	ng/m³	BDL (DL :5.0)	6.0
11.	Benzo(a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BDL (DL:0.02)	1.0
12.	Benzene as C6H6	IS:5182 (Part-11)2006	μg/m³	BDL (DL :0.5)	5.0

For AVISON ENVIRO SYSTEMS LLP

Verified by

Note: BDL - Below Detection Limit

DL – Detection Limit

\*\*\*End of Report\*\*\*

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#### TEST REPORT

Job No. 700/23-24 Report No. TC507423000005428F Report Date 26.12.2023

Sample Description

: Ambient Air Quality Monitoring

**Customer Name** 

: M/s. BBL DAIDO Pvt Ltd,

**Customer Address** 

: R.S. No. 19, Vandalur - Kelambakkam Road.

Pudupakkam, Tamilnadu - 603103.

Sample Drawn by

Sampling Method

: AES/EN/GEN/SOP/002

**Date of Monitoring** 

: 18.12.2023

Time of Monitoring

: 1030 Hrs to 1830 Hrs

Location

: Near DG &Scrap Yard

Temperature

:31.5°C

Sample Code

: AES2312347

Humidity

:60%

Sample Received On : 19.12.2023

Sample Completed On : 26.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Particulate Matter 2.5	IS:5182 (Part-24)2019	μg/m³	21.2	60
2.	Particulate Matter 10	IS:5182 (Part-23)2006	μg/m³	54.3	100
3.	Sulphur Dioxide as SO <sub>2</sub>	IS:5182 (Part-2)2001	μg/m³	BDL (DL:5.0)	80
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	μg/m³	19.2	80
5.	Carbon Monoxide as CO	AES/EN/AQM/SOP/006	mg/m³	BDL (DL:1.15)	4.0
6.	Ozone as O <sub>3</sub>	IS:5182 (Part-9)1974	μg/m³	BDL (DL:20.0)	180
7.	Ammonia as NH <sub>3</sub>	IS:5182 (Part-25)2018	μg/m³	BDL (DL:20.0)	400
8.	Lead as Pb	IS:5182 (Part-22)2004	μg/m³	BDL (DL:0.001)	1.0
9.	Arsenic as As	USEPA Compendium Method IO 3.4:1999	ng/m³	BDL (DL :0.1)	20
10.	Nickel as Ni	USEPA Compendium Method IO- 3.4:1999	ng/m³	BDL (DL:5.0)	6.0
11.	Benzo(α) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BDL (DL:0.02)	1.0
12.	Benzene as C6H6	IS:5182 (Part-11)2006	μg/m³	BDL (DL :0.5)	5.0

For AVISON ENVIRO SYSTEMS LLP

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Note: BDL - Below Detection Limit

DL - Detection Limit

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### TEST REPORT

Job No. 700/23-24 Report No. TC507423000005429F **Report Date** 26.12.2023

Sample Description : Ambient Air Quality Monitoring

**Customer Name** : M/s. BBL DAIDO Pvt Ltd.

**Customer Address** : R.S. No. 19, Vandalur - Kelambakkam Road,

Pudupakkam, Tamilnadu - 603103.

Sample Drawn by : AES

Sampling Method

: AES/EN/GEN/SOP/002

**Date of Monitoring** 

: 18.12.2023

Time of Monitoring

: 1045 Hrs to 1845 Hrs

Location

: Near Out Gate Area

Temperature Humidity

: 31.5°C : 60%

Sample Code Sample Received On : AES2312348 : 19.12.2023

Sample Completed On

: 26.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Particulate Matter 2.5	IS:5182 (Part-24)2019	μg/m³	19.4	60
2.	Particulate Matter 10	IS:5182 (Part-23)2006	μg/m³	43.2	100
3.	Sulphur Dioxide as SO <sub>2</sub>	IS:5182 (Part-2)2001	μg/m³	BDL (DL :5.0)	80
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	μg/m³	17.1	80
5.	Carbon Monoxide as CO	AES/EN/AQM/SOP/006	mg/m <sup>3</sup>	BDL (DL:1.15)	4.0
6.	Ozone as O <sub>3</sub>	IS:5182 (Part-9)1974	μg/m³	BDL (DL:20.0)	180
7.	Ammonia as NH <sub>3</sub>	IS:5182 (Part-25)2018	μg/m³	BDL (DL :20.0)	400
8.	Lead as Pb	IS:5182 (Part-22)2004	μg/m³	BDL (DL:0.001)	1.0
9.	Arsenic as As	USEPA Compendium Method IO 3.4:1999	ng/m³	BDL (DL:0.1)	20
10.	Nickel as Ni	USEPA Compendium Method IO- 3.4:1999	ng/m³	BDL (DL :5.0)	6.0
11.	Benzo(α) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BDL (DL:0.02)	1.0
12.	Benzene as C6H6	IS:5182 (Part-11)2006	μg/m³	BDL (DL :0.5)	5.0

For AVISON ENVIRO SYSTEMS LLP

Verified by

Note: BDL - Below Detection Limit DL - Detection Limit

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**Authorized Signatory** 

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