



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



TC-13860

Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 8144115515, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000000288F

Report No: TRETLO125288

Report Date: 03.02.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Air Quality Sample Description : Ambient Air
Sample Code : ETL0125380 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 27.01.2025
Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 27.01.2025
Sample Location : Near Batching Plant (Sun City) Commenced on : 27.01.2025
Customer Reference : - Completed on : 01.02.2025
Instrument ID & Validity : ETL/CHL/INS-054/110/105 & 07.06.25

I.CHEMICAL

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2) : Sec 1: 2023	14.6	µg/m ³	80 (24 Hours)	80 (24 Hours)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	20.9	µg/m ³	80 (24 Hours)	80 (24 Hours)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	52.1	µg/m ³	100 (24 Hours)	100 (24 Hours)
4	Particulate Matter (PM 2.5)	IS:5182 (p-24) : 2019	26.1	µg/m ³	60 (24 Hours)	60 (24 Hours)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ:1.15)	mg/m ³	4 (1 Hour)	4 (1 Hour)
6	Lead	IS: 5182 (P- 22) :2004	BQL(LOQ:0.025)	µg/m ³	1 (24 Hours)	1 (24 Hours)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ:20)	µg/m ³	180 (1 Hour)	180 (1 Hour)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL(LOQ:20)	µg/m ³	400 (24 Hours)	400 (24 Hours)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ:2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL(LOQ:1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL(LOQ:1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL(LOQ:2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 8144115515, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000000289F

Report No : TRETL0125289

Report Date: 03.02.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Stack Emission Sample Description : DG Stack
Sample Code : ETL0125381 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 27.01.2025
Sampling Plan & Procedure : ETL/QAD/SOP/10 Received date : 27.01.2025
Sample Location : Near Tower-C 125- KVA (Sun City) Commenced on : 27.01.2025
Customer Reference : - Completed on : 01.02.2025
Instrument ID & Validity : ETL/CHL/INS-042 & 16.01.2026

I.CHEMICAL

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	6.04	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	5.85	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	74.8	mg/Nm ³
4	Carbon Monoxide	IS 13270: 2019	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	388	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

1. The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 8144115515, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000000290F

Report No: TRETL0125290

Report Date: 03.02.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Noise Monitoring
Sample Code : ETL0125382 to ETL0125386
Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd
Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035
Sampling date : 27.01.2025
Customer Reference : -
Received date : 27.01.2025
Instrument ID & Validity : ETL/CHL/INS-117 & 28.07.2025

I.CHEMICAL

1. Atmospheric Pollution

S.No	Location (Sun City)	Time (hrs)	Day Time Noise level in dB (A)
1	Tower - A East	14.05	51.6
2	Tower - B (SW)	14.35	53.7
3	Tower - C (NE)	15.05	52.5
4	Club House (SE)	15.35	53.8
5	Steel Yard South	16.05	54.2

CPCB Limits:

- | | | |
|------|------------------|---|
| i) | Industrial Area | : Day Time - 75 dB (A); Night Time - 70 dB(A) |
| ii) | Commercial Area | : Day Time - 65 dB (A); Night Time - 55 dB(A) |
| iii) | Residential Area | : Day Time - 55 dB (A); Night Time - 45 dB(A) |
| iv) | Silence Zone | : Day Time - 50 dB (A); Night Time - 40 dB(A) |
| v) | Working Zone | : Day Time - 90 dB (A) |

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 8144115515, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000000291F

Report No: TRETLO125291

Report Date: 03.02.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Soil
Sample Code : ETL0125387
Sample Description : -
Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling date : 27.01.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08
Received date : 27.01.2025
Sample Location : Tower -C (Sun City)
Commenced on : 27.01.2025
Customer Reference : -
Completed on : 01.02.2025

I.CHEMICAL

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.82	-
2	Electrical Conductivity	IS:14767,2016	0.436	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	7.85	%
4	Chloride	FAO 2007(Page No- 48): 2020	195	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	287	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	695	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	628	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	0.63	%
9	Soluble Magnesium as Mg	FAO 2007(Page No- 44): 2020	49.5	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	144	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	9.57	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	NIL	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	92.8	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 8144115515, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000000292F

Report No : TRETLO125292

Report Date: 03.02.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.

Sample Name : Water
Sample Code : ETL0125388
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling Plan & Procedure : ETL/QAD/SOP/07
Sample Location : Near Steel Yard (Sun City)
Customer Reference : -

Sample Description : Bore Well
Sample Condition : Good
Sampling date : 27.01.2025
Received date : 27.01.2025
Commenced on : 27.01.2025
Completed on : 01.02.2025

I.CHEMICAL

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	6.29	-
2	Electrical Conductivity	IS:3025(P -14) 2013	878	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	518	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	192	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	22.5	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	33.2	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	92.4	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	123	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	220	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	BQL(LOQ:0.1)	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	17.6	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

1. The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



TC-13860

Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.

Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001222F

Report No : TRETLO425217

Report Date: 30.04.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Air Quality Sample Description : Ambient Air
Sample Code : ETL0425244 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 22.04.2025
Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 22.04.2025
Sample Location : Near Club House (Sun City) Commenced on : 22.04.2025
Customer Reference : - Completed on : 28.04.2025
Instrument ID & Validity : ETL/CHL/INS-040/041/052 & 07.06.25
ETL/CHL/INS-108 & 16.01.2026
ETL/CHL/INS-046 & 27.01.2026

I.CHEMICAL

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2) : Sec 1: 2023	15.8	µg/m ³	80 (24 Hours)	80 (24 Hours)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	22.7	µg/m ³	80 (24 Hours)	80 (24 Hours)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	53.6	µg/m ³	100 (24 Hours)	100 (24 Hours)
4	Particulate Matter (PM 2.5)	IS:5182 (p-24) : 2019	27.8	µg/m ³	60 (24 Hours)	60 (24 Hours)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ:1.15)	mg/m ³	4 (1 Hour)	4 (1 Hour)
6	Lead	IS: 5182 (P- 22) :2004	BQL(LOQ:0.025)	µg/m ³	1 (24 Hours)	1 (24 Hours)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ:20)	µg/m ³	180 (1 Hour)	180 (1 Hour)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL(LOQ:20)	µg/m ³	400 (24 Hours)	400 (24 Hours)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ:2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL(LOQ:1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL(LOQ:1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL(LOQ:2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001223F

Report No : TRETLO425218

Report Date: 30.04.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Stack Emission Sample Description : DG Stack
Sample Code : ETL0425245 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 22.04.2025
Sampling Plan & Procedure : ETL/QAD/SOP/10 Received date : 22.04.2025
Sample Location : Near Tower-C 125- KVA (Sun City) Commenced on : 22.04.2025
Customer Reference : - Completed on : 28.04.2025
Instrument ID & Validity : ETL/CHL/INS-042 & 16.01.2026
ETL/CHL/INS-057 & 19.02.2026

I.CHEMICAL

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	6.32	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	6.64	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	75.9	mg/Nm ³
4	Carbon Monoxide	IS 13270: 2019	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	370	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

1. The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000001224F

Report No: TRET0425219

Report Date: 30.04.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Noise Monitoring
Sample Code : ETL0425246 to ETL0425250
Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd
Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035
Sampling date : 22.04.2025
Customer Reference : -
Received date : 22.04.2025
Instrument ID & Validity : ETL/CHL/INS-117 & 28.07.2025

I.CHEMICAL

1. Atmospheric Pollution

S.No	Location (Sun City)	Time (hrs)	Day Time Noise level in dB (A)
1	Tower - A (SE)	14.05	51.6
2	Tower - B (NW)	14.35	53.7
3	Tower - C (SW)	15.05	52.5
4	Club House (NE)	15.35	53.8
5	Security Gate	16.05	54.2

CPCB Limits:

- | | | |
|------|------------------|---|
| i) | Industrial Area | : Day Time - 75 dB (A); Night Time - 70 dB(A) |
| ii) | Commercial Area | : Day Time - 65 dB (A); Night Time - 55 dB(A) |
| iii) | Residential Area | : Day Time - 55 dB (A); Night Time - 45 dB(A) |
| iv) | Silence Zone | : Day Time - 50 dB (A); Night Time - 40 dB(A) |
| v) | Working Zone | : Day Time - 90 dB (A) |

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000001225F

Report No : TRETLO425220

Report Date: 30.04.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Soil
Sample Code : ETL0425251
Sample Description : -
Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling date : 22.04.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08
Received date : 22.04.2025
Sample Location : SEP- Steel Yard
Commenced on : 22.04.2025
Customer Reference : -
Completed on : 28.04.2025

I.CHEMICAL

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.66	-
2	Electrical Conductivity	IS:14767,2016	0.584	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	7.67	%
4	Chloride	FAO 2007(Page No- 48): 2020	182	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	266	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	651	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	658	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	0.72	%
9	Soluble Magnesium as Mg	FAO 2007(Page No- 44): 2020	55.2	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	155	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	8.94	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	NIL	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	93.5	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

1. The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001226F

Report No : TRETLO425221

Report Date: 30.04.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Water
Sample Code : ETL0425252
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling Plan & Procedure : ETL/QAD/SOP/07
Sample Location : SEP- Steel Yard
Customer Reference : -
Sample Description : Bore Well
Sample Condition : Good
Sampling date : 22.04.2025
Received date : 22.04.2025
Commenced on : 22.04.2025
Completed on : 28.04.2025

I.CHEMICAL

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	7.96	-
2	Electrical Conductivity	IS:3025(P -14) 2013	597	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	415	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	210	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	50.5	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	20.4	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	105	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	54.3	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	121	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	BQL(LOQ:0.1)	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	11.5	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



TC-13860

Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.

Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001727F

Report No : TRETLO525319

Report Date: 02.06.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,

Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.

Sample Name : Air Quality Sample Description : Ambient Air

Sample Code : ETL0525406 Sample Condition : -

Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 26.05.2025

Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 26.05.2025

Sample Location : Near Block-D (Sun City) Commenced on : 26.05.2025

Customer Reference : - Completed on : 31.05.2025

Instrument ID & Validity : ETL/CHL/INS-054/110/105 & 07.06.25
ETL/CHL/INS-108 & 16.01.2026
ETL/CHL/INS-046 & 27.01.2026

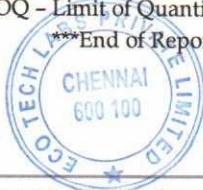
I.CHEMICAL

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2) : Sec 1: 2023	16.5	µg/m ³	80 (24 Hours)	80 (24 Hours)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	23.5	µg/m ³	80 (24 Hours)	80 (24 Hours)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	55.3	µg/m ³	100 (24 Hours)	100 (24 Hours)
4	Particulate Matter (PM 2.5)	IS:5182 (p-24) : 2019	28.1	µg/m ³	60 (24 Hours)	60 (24 Hours)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ:1.15)	mg/m ³	4 (1 Hour)	4 (1 Hour)
6	Lead	IS: 5182 (P- 22) :2004	BQL(LOQ:0.025)	µg/m ³	1 (24 Hours)	1 (24 Hours)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ:20)	µg/m ³	180 (1 Hour)	180 (1 Hour)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL(LOQ:20)	µg/m ³	400 (24 Hours)	400 (24 Hours)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ:2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL(LOQ:1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL(LOQ:1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL(LOQ:2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001728F

Report No : TRETLO525320

Report Date: 02.06.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Stack Emission Sample Description : DG Stack
Sample Code : ETL0525407 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 26.05.2025
Sampling Plan & Procedure : ETL/QAD/SOP/10 Received date : 26.05.2025
Sample Location : Block-D 125- KVA (Sun City) Commenced on : 26.05.2025
Customer Reference : - Completed on : 31.05.2025
Instrument ID & Validity : ETL/CHL/INS-042 & 16.01.2026
ETL/CHL/INS-057 & 19.02.2026

I.CHEMICAL

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	6.18	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	6.49	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	75.3	mg/Nm ³
4	Carbon Monoxide	IS 13270: 2019	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	355	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical


S. Kokila
Lab Manager

1. The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.
Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001729F

Report No : TRETL0525321

Report Date: 02.06.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Noise Monitoring
Sample Code : ETL0525408 to ETL0525412
Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd
Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035
Sampling date : 26.05.2025
Customer Reference : -
Received date : 26.05.2025
Instrument ID & Validity : ETL/CHL/INS-140 & 28.07.2025

I.CHEMICAL

1. Atmospheric Pollution

S.No	Location (Sun City)	Time (hrs)	Day Time Noise level in dB (A)
1	Tower - D (SW) Side	10.05	52.7
2	Tower - D (NE) Side	10.35	53.2
3	Tower - E WEST Side	11.05	52.9
4	Tower - E EAST Side	11.35	51.8
5	Tower - D WEST Side	12.05	54.0

CPCB Limits:

- | | | |
|------|------------------|---|
| i) | Industrial Area | : Day Time - 75 dB (A); Night Time - 70 dB(A) |
| ii) | Commercial Area | : Day Time - 65 dB (A); Night Time - 55 dB(A) |
| iii) | Residential Area | : Day Time - 55 dB (A); Night Time - 45 dB(A) |
| iv) | Silence Zone | : Day Time - 50 dB (A); Night Time - 40 dB(A) |
| v) | Working Zone | : Day Time - 90 dB (A) |

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

1. The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



TC-13860

Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.

Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000001730F

Report No: TRETLO525322

Report Date: 02.06.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Soil
Sample Code : ETL0525413
Sample Description : -
Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling date : 26.05.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08
Received date : 26.05.2025
Sample Location : Block-E
Commenced on : 26.05.2025
Customer Reference : -
Completed on : 31.05.2025

I.CHEMICAL

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.61	-
2	Electrical Conductivity	IS:14767,2016	0.652	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	7.14	%
4	Chloride	FAO 2007(Page No- 48): 2020	139	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	247	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	632	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	724	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	0.63	%
9	Soluble Magnesium as Mg	FAO 2007(Page No- 44): 2020	49.6	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	144	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	8.37	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	NIL	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	89.5	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.

Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No : TC1386025000001731F

Report No : TRETLO425221

Report Date: 02.06.2025

Page 1 of 1

Name of the Client : M/s. Casa Grand Magnum Pvt.Ltd.,
Address of the Project Site : SF.No.108B/2..., Melakottaiyur Village, Vandular Taluk, Chengalpattu District.
Sample Name : Water
Sample Code : ETL0525414
Sample Description : Bore Well
Sample Drawn By : Eco Tech Labs P.Ltd
Sample Condition : Good
Sampling Plan & Procedure : ETL/QAD/SOP/07
Sampling date : 26.05.2025
Sample Location : Near Block-D
Received date : 26.05.2025
Customer Reference : -
Commenced on : 26.05.2025
Completed on : 31.05.2025

I.CHEMICAL

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	7.56	-
2	Electrical Conductivity	IS:3025(P -14) 2013	697	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	411	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	334	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	44.1	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	54.6	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	49.3	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	10.2	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	297	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	BQL(LOQ:0.1)	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	20.2	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

- The report in the full or part original shall not be used for any promotional or publicity purpose without written consent by Eco Tech labs Pvt Ltd.
- Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
- The test results relate only to the test items.