



Texas Commission on Environmental Quality

NELAP-Recognized Laboratory Accreditation is hereby awarded to



Enthalpy Analytical, LLC - Deer Park

931 Seaco Court
Deer Park, TX 77536-3187

in accordance with Texas Water Code Chapter 5, Subchapter R, Title 30 Texas Administrative Code Chapter 25, and the National Environmental Laboratory Accreditation Program.

The laboratory's scope of accreditation includes the fields of accreditation that accompany this certificate. Continued accreditation depends upon successful ongoing participation in the program. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current location(s) and accreditation status for particular methods and analyses (www.tceq.texas.gov/goto/lab). Accreditation does not imply that a product, process, system or person is approved by the Texas Commission on Environmental Quality.

Certificate Number: T104704255-23-23

Effective Date: 10/1/2023

Expiration Date: 9/30/2024

A handwritten signature in black ink that reads "Erin E. Chamallo".

Executive Director Texas Commission on
Environmental Quality



Texas Commission on Environmental Quality



NELAP - Recognized Laboratory Fields of Accreditation

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Matrix: Air & Emissions

Method 40 CFR Part 50 Appendix L

Analyte	AB	Analyte ID	Method ID
Fine particulates <2.5 um	TX	3805	40 CFR 50 App L

Method ASTM D1946

Analyte	AB	Analyte ID	Method ID
Carbon dioxide	TX	3755	30024465
Carbon monoxide	TX	3780	30024465
Ethane	TX	4747	30024465
Hydrogen	TX	10321	30024465
Methane	TX	4926	30024465
Nitrogen	TX	1843	30024465
Oxygen	TX	3895	30024465

Method EPA CTM-027

Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	10214707

Method EPA RM 11

Analyte	AB	Analyte ID	Method ID
Hydrogen sulfide	TX	3840	10402116

Method EPA RM 17

Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10402707

Method EPA RM 18

Analyte	AB	Analyte ID	Method ID
1,3-Butadiene	TX	9318	10246636
1-Propene (Propylene)	TX	4836	10246636
Benzene	TX	4375	10246636
Butene (all isomers)	TX	10326	10246636
Ethane	TX	4747	10246636
Ethene	TX	4752	10246636
Ethylbenzene	TX	4765	10246636
Methane	TX	4926	10246636



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Matrix: Air & Emissions

n-Butane	TX	5007	10246636
n-Hexane	TX	4855	10246636
n-Pentane	TX	5028	10246636
n-Propane	TX	5029	10246636
Toluene	TX	5140	10246636
Xylene (total)	TX	5260	10246636

Method EPA RM 202

Analyte	AB	Analyte ID	Method ID
Condensable Particulate Matter	TX	10222	10403006

Method EPA RM 26

Analyte	AB	Analyte ID	Method ID
Bromine	TX	1541	10403108
Chlorine	TX	1580	10403108
Hydrochloric acid (Hydrogen chloride (gas only))	TX	1770	10403108
Hydrogen Bromide (HBr)	TX	489	10403108
Hydrogen fluoride (Hydrofluoric acid)	TX	1775	10403108

Method EPA RM 26A

Analyte	AB	Analyte ID	Method ID
Bromine	TX	1541	10403200
Chlorine	TX	1580	10403200
Hydrochloric acid (Hydrogen chloride (gas only))	TX	1770	10403200
Hydrogen Bromide (HBr)	TX	489	10403200
Hydrogen fluoride (Hydrofluoric acid)	TX	1775	10403200

Method EPA RM 308

Analyte	AB	Analyte ID	Method ID
Methanol	TX	4930	10274507

Method EPA RM 5

Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10404305

Method EPA RM 5A

Analyte	AB	Analyte ID	Method ID
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Matrix: Air & Emissions

Particulates	TX	3915	10404407
Method EPA RM 5B			
Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10404509
Method EPA RM 5D			
Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10404601
Method EPA RM 5G			
Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10404907
Method EPA RM 5H			
Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10405002
Method EPA RM 5I			
Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	10405104
Method EPA RM 8			
Analyte	AB	Analyte ID	Method ID
Sulfur dioxide	TX	4010	10406005
Sulfuric acid mist, sulfur dioxide	TX	4020	10406005
Method EPA TO-14A			
Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10312002
1,1,2,2-Tetrachloroethane	TX	5110	10312002
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	TX	5185	10312002
1,1,2-Trichloroethane	TX	5165	10312002
1,1-Dichloroethane	TX	4630	10312002
1,1-Dichloroethylene	TX	4640	10312002
1,2,4-Trichlorobenzene	TX	5155	10312002
1,2,4-Trimethylbenzene	TX	5210	10312002
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10312002



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Matrix: *Air & Emissions*

1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	TX	4695	10312002
1,2-Dichlorobenzene	TX	4610	10312002
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10312002
1,2-Dichloropropane	TX	4655	10312002
1,3,5-Trimethylbenzene	TX	5215	10312002
1,3-Dichlorobenzene	TX	4615	10312002
1,4-Dichlorobenzene	TX	4620	10312002
Benzene	TX	4375	10312002
Benzyl chloride	TX	5635	10312002
Carbon tetrachloride	TX	4455	10312002
Chlorobenzene	TX	4475	10312002
Chloroethane (Ethyl chloride)	TX	4485	10312002
Chloroform	TX	4505	10312002
cis-1,2-Dichloroethylene	TX	4645	10312002
cis-1,3-Dichloropropene	TX	4680	10312002
Dichlorodifluoromethane (Freon-12)	TX	4625	10312002
Ethylbenzene	TX	4765	10312002
Hexachlorobutadiene	TX	4835	10312002
Methyl bromide (Bromomethane)	TX	4950	10312002
Methyl chloride (Chloromethane)	TX	4960	10312002
Methylene chloride (Dichloromethane)	TX	4975	10312002
Styrene	TX	5100	10312002
Tetrachloroethylene (Perchloroethylene)	TX	5115	10312002
Toluene	TX	5140	10312002
trans-1,2-Dichloroethylene	TX	4700	10312002
trans-1,3-Dichloropropylene	TX	4685	10312002
Trichloroethene (Trichloroethylene)	TX	5170	10312002
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10312002
Vinyl chloride	TX	5235	10312002
Xylene (total)	TX	5260	10312002



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Matrix: Air & Emissions

Method EPA TO-15

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10248803
1,1,2,2-Tetrachloroethane	TX	5110	10248803
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	TX	5185	10248803
1,1,2-Trichloroethane	TX	5165	10248803
1,1-Dichloroethane	TX	4630	10248803
1,1-Dichloroethylene	TX	4640	10248803
1,2,4-Trichlorobenzene	TX	5155	10248803
1,2,4-Trimethylbenzene	TX	5210	10248803
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10248803
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	TX	4695	10248803
1,2-Dichlorobenzene	TX	4610	10248803
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10248803
1,2-Dichloropropane	TX	4655	10248803
1,3,5-Trimethylbenzene	TX	5215	10248803
1,3-Butadiene	TX	9318	10248803
1,3-Dichlorobenzene	TX	4615	10248803
1,4-Dichlorobenzene	TX	4620	10248803
1,4-Dioxane (1,4-Diethyleneoxide)	TX	4735	10248803
1-Propene (Propylene)	TX	4836	10248803
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10248803
4-Ethyltoluene	TX	4542	10248803
Benzene	TX	4375	10248803
Bromodichloromethane	TX	4395	10248803
Bromoform	TX	4400	10248803
Carbon tetrachloride	TX	4455	10248803
Chlorobenzene	TX	4475	10248803
Chlorodibromomethane	TX	4575	10248803
Chloroethane (Ethyl chloride)	TX	4485	10248803



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Matrix: Air & Emissions

Chloroform	TX	4505	10248803
cis-1,2-Dichloroethylene	TX	4645	10248803
cis-1,3-Dichloropropene	TX	4680	10248803
Cyclohexane	TX	4555	10248803
Dichlorodifluoromethane (Freon-12)	TX	4625	10248803
Ethylbenzene	TX	4765	10248803
Hexachlorobutadiene	TX	4835	10248803
m+p-xylene	TX	5240	10248803
Methyl bromide (Bromomethane)	TX	4950	10248803
Methyl chloride (Chloromethane)	TX	4960	10248803
Methyl isobutyl ketone (Hexone) (MIBK)	TX	4985	10248803
Methyl tert-butyl ether (MTBE)	TX	5000	10248803
Methylene chloride (Dichloromethane)	TX	4975	10248803
o-Xylene	TX	5250	10248803
Styrene	TX	5100	10248803
Tetrachloroethylene (Perchloroethylene)	TX	5115	10248803
Toluene	TX	5140	10248803
trans-1,3-Dichloropropylene	TX	4685	10248803
Trichloroethene (Trichloroethylene)	TX	5170	10248803
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10248803
Vinyl acetate	TX	5225	10248803
Vinyl chloride	TX	5235	10248803
Xylene (total)	TX	5260	10248803

Method TCEQ-23

Analyte	AB	Analyte ID	Method ID
Particulates	TX	3915	60049743