



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**Enthalpy Analytical LLC
800-4 Capitola Dr
Durham, North Carolina 27713-4385**

**Agency Interest No. 85848
Activity No. ACC20180002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 16 July 2018

Effective on Issue Date
Expiration Date: June 30, 2019
Certificate Number: 04010



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Enthalpy Analytical LLC
AI Number: 85848
Activity No. ACC20180002
Expiration Date: June 30, 2019

Effective Date: July 16, 2018

800-1 Capitola Dr, Durham, North Carolina 27713-4385

Certificate Number: 04010

Air Emissions

Analyte	Method Name	Method Code	Type	AB
4555 - Cyclohexane	EPA 325B	2978	NELAP	LA
4815 - Formaldehyde	EPA 316	10055706	NELAP	LA
6110 - 2,5-Dimethylbenzaldehyde	EPA 8315A	10188008	NELAP	LA
4300 - Acetaldehyde	EPA 8315A	10188008	NELAP	LA
4315 - Acetone	EPA 8315A	10188008	NELAP	LA
4325 - Acrolein (Propenal)	EPA 8315A	10188008	NELAP	LA
5570 - Benzaldehyde	EPA 8315A	10188008	NELAP	LA
4430 - Butylaldehyde (Butanal)	EPA 8315A	10188008	NELAP	LA
4545 - Crotonaldehyde	EPA 8315A	10188008	NELAP	LA
4815 - Formaldehyde	EPA 8315A	10188008	NELAP	LA
3825 - Hexanaldehyde (Hexanal)	EPA 8315A	10188008	NELAP	LA
6330 - Isovaleraldehyde	EPA 8315A	10188008	NELAP	LA
3965 - Propionaldehyde (Propanal)	EPA 8315A	10188008	NELAP	LA
6755 - Toluualdehyde (1,2-Toluualdehyde)	EPA 8315A	10188008	NELAP	LA
4040 - Valeraldehyde (Pentanal, Pentanaldehyde)	EPA 8315A	10188008	NELAP	LA
5125 - m-Toluualdehyde (1,3-Toluualdehyde)	EPA 8315A	10188008	NELAP	LA
6760 - p-Toluualdehyde (1,4-Toluualdehyde)	EPA 8315A	10188008	NELAP	LA
4340 - Acrylonitrile	EPA CTM-008	10214558	NELAP	LA
100211 - Acceptability of Teflon Bags	EPA ALT-005	10214569	NELAP	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA CTM-013B	10214570	NELAP	LA
1515 - Ammonia as N	EPA CTM-027	10214707	NELAP	LA
6625 - Phenol	EPA CTM-032	10214763	NELAP	LA
5862 - Total Cresols	EPA CTM-032	10214763	NELAP	LA
1773 - Hydrogen Cyanide	EPA OTM-029, Rev.2011	10217535	NELAP	LA
100023 - Total Gaseous Organic Compounds	EPA 18	10246636	NELAP	LA
100204 - Verification of Gas Dilution Systems for Field Instrument Calibration	EPA 205	10246692	NELAP	LA
4075 - Volatile matter, density, water & solids content of surface coatings	EPA 24	10246727	NELAP	LA
4065 - Volatile Organic Compounds	EPA Method 25D	10246772	NELAP	LA
3755 - Carbon dioxide	EPA 3C	10247708	NELAP	LA
3780 - Carbon monoxide	EPA 3C	10247708	NELAP	LA
1772 - Hydrogen	EPA 3C	10247708	NELAP	LA
4926 - Methane	EPA 3C	10247708	NELAP	LA
1843 - Nitrogen	EPA 3C	10247708	NELAP	LA
3895 - Oxygen	EPA 3C	10247708	NELAP	LA
5215 - 1,3,5-Trimethylbenzene	EPA TO-14A	10248609	NELAP	LA
4375 - Benzene	EPA TO-14A	10248609	NELAP	LA
5100 - Styrene	EPA TO-14A	10248609	NELAP	LA
5140 - Toluene	EPA TO-14A	10248609	NELAP	LA
5260 - Xylene (total)	EPA TO-14A	10248609	NELAP	LA
5160 - 1,1,1-Trichloroethane	EPA TO-15	10248803	NELAP	LA
5110 - 1,1,2,2-Tetrachloroethane	EPA TO-15	10248803	NELAP	LA
5185 - 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA TO-15	10248803	NELAP	LA
5165 - 1,1,2-Trichloroethane	EPA TO-15	10248803	NELAP	LA
4630 - 1,1-Dichloroethane	EPA TO-15	10248803	NELAP	LA

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Analyte	Method Name	Method Code	Type	AB
4640 - 1,1-Dichloroethylene	EPA TO-15	10248803	NELAP	LA
5155 - 1,2,4-Trichlorobenzene	EPA TO-15	10248803	NELAP	LA
5210 - 1,2,4-Trimethylbenzene	EPA TO-15	10248803	NELAP	LA
4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-15	10248803	NELAP	LA
4695 - 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)	EPA TO-15	10248803	NELAP	LA
4610 - 1,2-Dichlorobenzene	EPA TO-15	10248803	NELAP	LA
4635 - 1,2-Dichloroethane (Ethylene dichloride)	EPA TO-15	10248803	NELAP	LA
4655 - 1,2-Dichloropropane	EPA TO-15	10248803	NELAP	LA
5215 - 1,3,5-Trimethylbenzene	EPA TO-15	10248803	NELAP	LA
9318 - 1,3-Butadiene	EPA TO-15	10248803	NELAP	LA
4615 - 1,3-Dichlorobenzene	EPA TO-15	10248803	NELAP	LA
4620 - 1,4-Dichlorobenzene	EPA TO-15	10248803	NELAP	LA
4735 - 1,4-Dioxane (1,4- Diethyleneoxide)	EPA TO-15	10248803	NELAP	LA
5220 - 2,2,4-Trimethylpentane (Isooctane)	EPA TO-15	10248803	NELAP	LA
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	EPA TO-15	10248803	NELAP	LA
4860 - 2-Hexanone	EPA TO-15	10248803	NELAP	LA
4534 - 3-Methylpentane	EPA TO-15	10248803	NELAP	LA
4542 - 4-Ethyltoluene	EPA TO-15	10248803	NELAP	LA
4995 - 4-Methyl-2-pentanone (MIBK)	EPA TO-15	10248803	NELAP	LA
4315 - Acetone	EPA TO-15	10248803	NELAP	LA
4320 - Acetonitrile	EPA TO-15	10248803	NELAP	LA
4325 - Acrolein (Propenal)	EPA TO-15	10248803	NELAP	LA
4340 - Acrylonitrile	EPA TO-15	10248803	NELAP	LA
4355 - Allyl chloride (3-Chloropropene)	EPA TO-15	10248803	NELAP	LA
4375 - Benzene	EPA TO-15	10248803	NELAP	LA
5635 - Benzyl chloride	EPA TO-15	10248803	NELAP	LA
4395 - Bromodichloromethane	EPA TO-15	10248803	NELAP	LA
4400 - Bromoform	EPA TO-15	10248803	NELAP	LA
4450 - Carbon disulfide	EPA TO-15	10248803	NELAP	LA
4455 - Carbon tetrachloride	EPA TO-15	10248803	NELAP	LA
4475 - Chlorobenzene	EPA TO-15	10248803	NELAP	LA
4575 - Chlorodibromomethane	EPA TO-15	10248803	NELAP	LA
4485 - Chloroethane (Ethyl chloride)	EPA TO-15	10248803	NELAP	LA
4505 - Chloroform	EPA TO-15	10248803	NELAP	LA
4555 - Cyclohexane	EPA TO-15	10248803	NELAP	LA
4625 - Dichlorodifluoromethane (Freon-12)	EPA TO-15	10248803	NELAP	LA
4755 - Ethyl acetate	EPA TO-15	10248803	NELAP	LA
4765 - Ethylbenzene	EPA TO-15	10248803	NELAP	LA
4835 - Hexachlorobutadiene	EPA TO-15	10248803	NELAP	LA
4950 - Methyl bromide (Bromomethane)	EPA TO-15	10248803	NELAP	LA
4960 - Methyl chloride (Chloromethane)	EPA TO-15	10248803	NELAP	LA
4990 - Methyl methacrylate	EPA TO-15	10248803	NELAP	LA
5000 - Methyl tert-butyl ether (MTBE)	EPA TO-15	10248803	NELAP	LA
4975 - Methylene chloride (Dichloromethane)	EPA TO-15	10248803	NELAP	LA
4836 - Propylene	EPA TO-15	10248803	NELAP	LA
5100 - Styrene	EPA TO-15	10248803	NELAP	LA
5115 - Tetrachloroethylene (Perchloroethylene)	EPA TO-15	10248803	NELAP	LA
5120 - Tetrahydrofuran (THF)	EPA TO-15	10248803	NELAP	LA
5140 - Toluene	EPA TO-15	10248803	NELAP	LA

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Analyte	Method Name	Method Code	Type	AB
5170 - Trichloroethene (Trichloroethylene)	EPA TO-15	10248803	NELAP	LA
5175 - Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA TO-15	10248803	NELAP	LA
5225 - Vinyl acetate	EPA TO-15	10248803	NELAP	LA
5230 - Vinyl bromide (Bromoethane)	EPA TO-15	10248803	NELAP	LA
5235 - Vinyl chloride	EPA TO-15	10248803	NELAP	LA
5260 - Xylene (total)	EPA TO-15	10248803	NELAP	LA
4645 - cis-1,2-Dichloroethylene	EPA TO-15	10248803	NELAP	LA
4680 - cis-1,3-Dichloropropene	EPA TO-15	10248803	NELAP	LA
5240 - m+p-xylene	EPA TO-15	10248803	NELAP	LA
5245 - m-Xylene	EPA TO-15	10248803	NELAP	LA
4825 - n-Heptane	EPA TO-15	10248803	NELAP	LA
4855 - n-Hexane	EPA TO-15	10248803	NELAP	LA
5250 - o-Xylene	EPA TO-15	10248803	NELAP	LA
5255 - p-Xylene	EPA TO-15	10248803	NELAP	LA
4700 - trans-1,2-Dichloroethylene	EPA TO-15	10248803	NELAP	LA
4685 - trans-1,3-Dichloropropylene	EPA TO-15	10248803	NELAP	LA
4930 - Methanol	EPA 308	10274507	NELAP	LA
100021 - Extractive FTIR Specifications	EPA 320	10274552	NELAP	LA
100020 - Organic and Inorganic Emissions by FTIR	EPA 320	10274552	NELAP	LA
4815 - Formaldehyde	EPA 323	10274585	NELAP	LA
100018 - Volatile organics	EPA 305	10276003	NELAP	LA
9318 - 1,3-Butadiene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
4375 - Benzene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
4765 - Ethylbenzene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
5100 - Styrene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
5140 - Toluene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
5245 - m-Xylene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
5250 - o-Xylene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
5255 - p-Xylene	EPA Method 325B (TD/GC/MS)	10277437	NELAP	LA
6110 - 2,5-Dimethylbenzaldehyde	EPA TO-11A, Rev.2	10311805	NELAP	LA
4300 - Acetaldehyde	EPA TO-11A, Rev.2	10311805	NELAP	LA
4315 - Acetone	EPA TO-11A, Rev.2	10311805	NELAP	LA
4325 - Acrolein (Propenal)	EPA TO-11A, Rev.2	10311805	NELAP	LA
5570 - Benzaldehyde	EPA TO-11A, Rev.2	10311805	NELAP	LA
4430 - Butylaldehyde (Butanal)	EPA TO-11A, Rev.2	10311805	NELAP	LA
4545 - Crotonaldehyde	EPA TO-11A, Rev.2	10311805	NELAP	LA
4815 - Formaldehyde	EPA TO-11A, Rev.2	10311805	NELAP	LA
3825 - Hexanaldehyde (Hexanal)	EPA TO-11A, Rev.2	10311805	NELAP	LA
6330 - Isovaleraldehyde	EPA TO-11A, Rev.2	10311805	NELAP	LA
3965 - Propionaldehyde (Propanal)	EPA TO-11A, Rev.2	10311805	NELAP	LA
6755 - Toluualdehyde (1,2-Toluualdehyde)	EPA TO-11A, Rev.2	10311805	NELAP	LA
4040 - Valeraldehyde (Pentanal, Pentanaldehyde)	EPA TO-11A, Rev.2	10311805	NELAP	LA
5125 - m-Toluualdehyde (1,3-Toluualdehyde)	EPA TO-11A, Rev.2	10311805	NELAP	LA
6760 - p-Toluualdehyde (1,4-Toluualdehyde)	EPA TO-11A, Rev.2	10311805	NELAP	LA
5155 - 1,2,4-Trichlorobenzene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4917 - 1-Butene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4832 - 1-Hexene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4833 - 1-Pentene	EPA TO-14A, Rev.2	10312002	NELAP	LA
5220 - 2,2,4-Trimethylpentane (Isooctane)	EPA TO-14A, Rev.2	10312002	NELAP	LA
4666 - 2,2-Dimethylbutane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4667 - 2,3,4-Trimethylpentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4669 - 2,3-Dimethylbutane	EPA TO-14A, Rev.2	10312002	NELAP	LA

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Analyte	Method Name	Method Code	Type	AB
4671 - 2,3-Dimethylpentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4672 - 2,4-Dimethylpentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4538 - 2-Ethyltoluene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4937 - 2-Methylbutadiene (Isoprene)	EPA TO-14A, Rev.2	10312002	NELAP	LA
4938 - 2-Methylbutane (Isopentane)	EPA TO-14A, Rev.2	10312002	NELAP	LA
4939 - 2-Methylheptane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4946 - 2-Methylhexane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4941 - 2-Methylpentane (Isohexane)	EPA TO-14A, Rev.2	10312002	NELAP	LA
4942 - 2-methylpropane (Isobutane)	EPA TO-14A, Rev.2	10312002	NELAP	LA
4531 - 3-Ethyltoluene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4532 - 3-Methylheptane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4533 - 3-Methylhexane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4534 - 3-Methylpentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4542 - 4-Ethyltoluene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4323 - Acetylene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4555 - Cyclohexane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4562 - Cyclopentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4747 - Ethane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4752 - Ethene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4765 - Ethylbenzene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4900 - Isopropylbenzene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4965 - Methylcyclohexane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4966 - Methylcyclopentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
100263 - Propane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4836 - Propylene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4602 - cis-2-Butene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4603 - cis-2-pentene	EPA TO-14A, Rev.2	10312002	NELAP	LA
5240 - m+p-xylene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4676 - m-Diethylbenzene	EPA TO-14A, Rev.2	10312002	NELAP	LA
5007 - n-Butane	EPA TO-14A, Rev.2	10312002	NELAP	LA
5875 - n-Decane	EPA TO-14A, Rev.2	10312002	NELAP	LA
6235 - n-Dodecane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4825 - n-Heptane	EPA TO-14A, Rev.2	10312002	NELAP	LA
4855 - n-Hexane	EPA TO-14A, Rev.2	10312002	NELAP	LA
5026 - n-Nonane	EPA TO-14A, Rev.2	10312002	NELAP	LA
5027 - n-Octane	EPA TO-14A, Rev.2	10312002	NELAP	LA
5028 - n-Pentane	EPA TO-14A, Rev.2	10312002	NELAP	LA
5090 - n-Propylbenzene	EPA TO-14A, Rev.2	10312002	NELAP	LA
6747 - n-Undecane	EPA TO-14A, Rev.2	10312002	NELAP	LA
5250 - o-Xylene	EPA TO-14A, Rev.2	10312002	NELAP	LA
5253 - p-Diethylbenzene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4607 - trans-2-Butene	EPA TO-14A, Rev.2	10312002	NELAP	LA
4608 - trans-2-pentene	EPA TO-14A, Rev.2	10312002	NELAP	LA
6110 - 2,5-Dimethylbenzaldehyde	EPA TO-5, Rev.1	10312604	NELAP	LA
4300 - Acetaldehyde	EPA TO-5, Rev.1	10312604	NELAP	LA
4315 - Acetone	EPA TO-5, Rev.1	10312604	NELAP	LA
4325 - Acrolein (Propenal)	EPA TO-5, Rev.1	10312604	NELAP	LA
5570 - Benzaldehyde	EPA TO-5, Rev.1	10312604	NELAP	LA
4430 - Butylaldehyde (Butanal)	EPA TO-5, Rev.1	10312604	NELAP	LA
4545 - Crotonaldehyde	EPA TO-5, Rev.1	10312604	NELAP	LA
4815 - Formaldehyde	EPA TO-5, Rev.1	10312604	NELAP	LA
3825 - Hexanaldehyde (Hexanal)	EPA TO-5, Rev.1	10312604	NELAP	LA
6330 - Isovaleraldehyde	EPA TO-5, Rev.1	10312604	NELAP	LA
3965 - Propionaldehyde (Propanal)	EPA TO-5, Rev.1	10312604	NELAP	LA
6755 - Toluvaldehyde (1,2-Tolualdehyde)	EPA TO-5, Rev.1	10312604	NELAP	LA

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Air Emissions

Analyte	Method Name	Method Code	Type	AB
4040 - Valeraldehyde (Pentanal, Pentanaldehyde)	EPA TO-5, Rev.1	10312604	NELAP	LA
5125 - m-Tolualdehyde (1,3-Tolualdehyde)	EPA TO-5, Rev.1	10312604	NELAP	LA
6760 - p-Tolualdehyde (1,4-Tolualdehyde)	EPA TO-5, Rev.1	10312604	NELAP	LA
4450 - Carbon disulfide	EPA 15	10402207	NELAP	LA
7215 - Carbonyl sulfide	EPA 15	10402207	NELAP	LA
3840 - Hydrogen sulfide	EPA 15	10402207	NELAP	LA
4729 - Dimethyl disulfide	EPA 16	10402401	NELAP	LA
6116 - Dimethyl sulfide	EPA 16	10402401	NELAP	LA
3840 - Hydrogen sulfide	EPA 16	10402401	NELAP	LA
7507 - Methyl mercaptan	EPA 16	10402401	NELAP	LA
3915 - Particulates	EPA 17	10402707	NELAP	LA
3805 - Fine particulates <2.5 um	EPA 201A	10402901	NELAP	LA
3915 - Particulates	EPA 201A	10402901	NELAP	LA
3950 - Particulates <10 um	EPA 201A	10402901	NELAP	LA
4467 - Condensable Particulate Matter	EPA 202	10403006	NELAP	LA
3915 - Particulates	EPA 202	10403006	NELAP	LA
1540 - Bromide	EPA 26	10403108	NELAP	LA
1541 - Bromine	EPA 26	10403108	NELAP	LA
1575 - Chloride	EPA 26	10403108	NELAP	LA
1580 - Chlorine	EPA 26	10403108	NELAP	LA
1730 - Fluoride	EPA 26	10403108	NELAP	LA
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26	10403108	NELAP	LA
100096 - Hydrogen Bromide (HBr)	EPA 26	10403108	NELAP	LA
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26	10403108	NELAP	LA
3835 - Hydrogen halides and halogens	EPA 26	10403108	NELAP	LA
1540 - Bromide	EPA 26A	10403200	NELAP	LA
1541 - Bromine	EPA 26A	10403200	NELAP	LA
1575 - Chloride	EPA 26A	10403200	NELAP	LA
1580 - Chlorine	EPA 26A	10403200	NELAP	LA
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26A	10403200	NELAP	LA
100096 - Hydrogen Bromide (HBr)	EPA 26A	10403200	NELAP	LA
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26A	10403200	NELAP	LA
3835 - Hydrogen halides and halogens	EPA 26A	10403200	NELAP	LA
3915 - Particulates	EPA 5	10404305	NELAP	LA
3915 - Particulates	EPA 5A	10404407	NELAP	LA
3915 - Particulates	EPA 5B	10404509	NELAP	LA
3870 - Non-sulfate particulates	EPA 5F	10404805	NELAP	LA
4010 - Sulfur dioxide	EPA 6	10405206	NELAP	LA
2015 - Sulfite-SO3	EPA 8	10406005	NELAP	LA
4010 - Sulfur dioxide	EPA 8	10406005	NELAP	LA
4017 - Sulfur trioxide	EPA 8	10406005	NELAP	LA
100143 - Sulfuric acid mist	EPA 8	10406005	NELAP	LA
100140 - Sulfuric acid mist/sulfur trioxide	EPA 8	10406005	NELAP	LA
4375 - Benzene	EPA Method ALT-100	10408001	NELAP	LA
4747 - Ethane	EPA Method ALT-100	10408001	NELAP	LA
4765 - Ethylbenzene	EPA Method ALT-100	10408001	NELAP	LA
4752 - Ethylene	EPA Method ALT-100	10408001	NELAP	LA
4825 - Heptane	EPA Method ALT-100	10408001	NELAP	LA
4855 - Hexane	EPA Method ALT-100	10408001	NELAP	LA
4926 - Methane	EPA Method ALT-100	10408001	NELAP	LA

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Expiration Date: June 30, 2019

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Air Emissions

Analyte	Method Name	Method Code	Type	AB
5028 - Pentane	EPA Method ALT-100	10408001	NELAP	LA
5029 - Propane	EPA Method ALT-100	10408001	NELAP	LA
4836 - Propylene	EPA Method ALT-100	10408001	NELAP	LA
5140 - Toluene	EPA Method ALT-100	10408001	NELAP	LA
5240 - m+p-xylene	EPA Method ALT-100	10408001	NELAP	LA
5245 - m-Xylene	EPA Method ALT-100	10408001	NELAP	LA
5007 - n-Butane	EPA Method ALT-100	10408001	NELAP	LA
5250 - o-Xylene	EPA Method ALT-100	10408001	NELAP	LA
5255 - p-Xylene	EPA Method ALT-100	10408001	NELAP	LA
3755 - Carbon dioxide	ASTM D1946-90	30024465	NELAP	LA
3780 - Carbon monoxide	ASTM D1946-90	30024465	NELAP	LA
1772 - Hydrogen	ASTM D1946-90	30024465	NELAP	LA
4926 - Methane	ASTM D1946-90	30024465	NELAP	LA
1843 - Nitrogen	ASTM D1946-90	30024465	NELAP	LA
3895 - Oxygen	ASTM D1946-90	30024465	NELAP	LA
4010 - Sulfur dioxide	NCASI 8A	60031223	NELAP	LA
100143 - Sulfuric acid mist	NCASI 8A	60031223	NELAP	LA
4815 - Formaldehyde	NCASI 98.01	60031358	NELAP	LA
4930 - Methanol	NCASI 98.01	60031358	NELAP	LA
6625 - Phenol	NCASI 98.01	60031358	NELAP	LA
4300 - Acetaldehyde	NCASI 99.02	60031654	NELAP	LA
4815 - Formaldehyde	NCASI 99.02	60031654	NELAP	LA
4930 - Methanol	NCASI 99.02	60031654	NELAP	LA
6625 - Phenol	NCASI 99.02	60031654	NELAP	LA
4300 - Acetaldehyde	NCASI METHOD ISS/FP-A105.01	60031756	NELAP	LA
4325 - Acrolein (Propenal)	NCASI METHOD ISS/FP-A105.01	60031756	NELAP	LA
4815 - Formaldehyde	NCASI METHOD ISS/FP-A105.01	60031756	NELAP	LA
4930 - Methanol	NCASI METHOD ISS/FP-A105.01	60031756	NELAP	LA
6625 - Phenol	NCASI METHOD ISS/FP-A105.01	60031756	NELAP	LA
3965 - Propionaldehyde (Propanal)	NCASI METHOD ISS/FP-A105.01	60031756	NELAP	LA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Enthalpy Analytical LLC

Effective Date: July 16, 2018

Certificate Number: 04010

AI Number: 85848
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