



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF CONSOLIDATED LABORATORY SERVICES**



Certifies that

**VA Laboratory ID#: 460155
Enthalpy Analytical, LLC
800-1 Capitola Drive
Durham, NC 27713**

**Owner: MONTROSE ENVIRONMENTAL LABORATORY SERVICES, LLC
Responsible Official: ANTHONY L. MASTRIANNI**

Having met the requirements of 1 VAC 30-46 and
having been found compliant with the 2016 TNI Standard approved by The NELAC Institute
is hereby approved as an

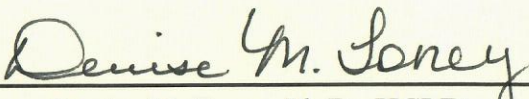
Accredited Environmental Laboratory

As more fully described in the attached Scope of Accreditation

Effective Date: **November 1, 2022**

Expiration Date: **June 14, 2023**

Certificate # 12177


Denise M. Toney, Ph.D., HCLD

DGS Deputy Director for Laboratories

Continued accreditation status depends on successful ongoing participation in the program.

Certificate to be conspicuously displayed at the laboratory.

Not valid unless accompanied by a valid Virginia Environmental Laboratory Accreditation Program (VELAP)

Scope of Accreditation.

Customers are urged to verify the laboratory's current accreditation status.



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AIR

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
ASTM D1946-90 (11)	CARBON DIOXIDE	LA DEQ	ASTM D1946-90 (11)	CARBON MONOXIDE	LA DEQ
ASTM D1946-90 (11)	HYDROGEN	LA DEQ	ASTM D1946-90 (11)	METHANE	LA DEQ
ASTM D1946-90 (11)	NITROGEN (N ₂)	LA DEQ	ASTM D1946-90 (11)	OXYGEN	LA DEQ
EPA 101 A	MERCURY	LA DEQ	EPA 108	ARSENIC	LA DEQ
EPA 12	LEAD	LA DEQ	EPA 17	PARTICULATE MATTER	LA DEQ
EPA 18	TOTAL GASEOUS ORGANIC COMPOUNDS	LA DEQ	EPA 201 A	PARTICULATE MATTER	LA DEQ
EPA 201 A	PARTICULATES <10 UM	LA DEQ	EPA 202	PARTICULATES	LA DEQ
EPA 26	BROMINE	LA DEQ	EPA 26	HYDROGEN CHLORIDE (HYDROCHLORIC ACID)	LA DEQ
EPA 26	HYDROGEN FLUORIDE (HYDROFLUORIC ACID)	LA DEQ	EPA 26	HYDROGEN HALIDES AND HALOGENS	LA DEQ
EPA 26 - EXTENDED	BROMIDE	LA DEQ	EPA 26 - EXTENDED	CHLORIDE	LA DEQ
EPA 26 A	BROMINE	LA DEQ	EPA 26 A	HYDROGEN CHLORIDE (HYDROCHLORIC ACID)	LA DEQ
EPA 26 A	HYDROGEN FLUORIDE (HYDROFLUORIC ACID)	LA DEQ	EPA 26 A	HYDROGEN HALIDES AND HALOGENS	LA DEQ
EPA 26 A - EXTENDED	BROMIDE	LA DEQ	EPA 26 A - EXTENDED	CHLORIDE	LA DEQ
EPA 29 (CVAAS)	MERCURY	LA DEQ	EPA 29 (ICP-AES)	ANTIMONY	LA DEQ
EPA 29 (ICP-AES)	ARSENIC	LA DEQ	EPA 29 (ICP-AES)	BARIIUM	LA DEQ
EPA 29 (ICP-AES)	BERYLLIUM	LA DEQ	EPA 29 (ICP-AES)	CADMIUM	LA DEQ
EPA 29 (ICP-AES)	CHROMIUM	LA DEQ	EPA 29 (ICP-AES)	COBALT	LA DEQ
EPA 29 (ICP-AES)	COPPER	LA DEQ	EPA 29 (ICP-AES)	LEAD	LA DEQ
EPA 29 (ICP-AES)	MANGANESE	LA DEQ	EPA 29 (ICP-AES)	NICKEL	LA DEQ
EPA 29 (ICP-AES)	PHOSPHORUS	LA DEQ	EPA 29 (ICP-AES)	SELENIUM	LA DEQ
EPA 29 (ICP-AES)	SILVER	LA DEQ	EPA 29 (ICP-AES)	THALLIUM	LA DEQ
EPA 29 (ICP-AES)	ZINC	LA DEQ	EPA 29 (ICP-MS)	ANTIMONY	LA DEQ
EPA 29 (ICP-MS)	ARSENIC	LA DEQ	EPA 29 (ICP-MS)	BARIIUM	LA DEQ
EPA 29 (ICP-MS)	BERYLLIUM	LA DEQ	EPA 29 (ICP-MS)	CADMIUM	LA DEQ
EPA 29 (ICP-MS)	CHROMIUM	LA DEQ	EPA 29 (ICP-MS)	COBALT	LA DEQ
EPA 29 (ICP-MS)	COPPER	LA DEQ	EPA 29 (ICP-MS)	LEAD	LA DEQ
EPA 29 (ICP-MS)	MANGANESE	LA DEQ	EPA 29 (ICP-MS)	NICKEL	LA DEQ
EPA 29 (ICP-MS)	SELENIUM	LA DEQ	EPA 29 (ICP-MS)	SILVER	LA DEQ
EPA 29 (ICP-MS)	THALLIUM	LA DEQ	EPA 29 (ICP-MS)	ZINC	LA DEQ
EPA 306 (ICP)	CHROMIUM	LA DEQ	EPA 308	METHANOL	LA DEQ
EPA 316	FORMALDEHYDE	LA DEQ	EPA 323	FORMALDEHYDE	LA DEQ
EPA 5	PARTICULATE MATTER	LA DEQ	EPA 5 B	PARTICULATE MATTER, NONSULFURIC ACID	LA DEQ
EPA 6	SULFUR DIOXIDE	LA DEQ	EPA 8	SULFURIC ACID MIST	LA DEQ
EPA 8315 A	FORMALDEHYDE	LA DEQ	EPA CTM 027	AMMONIAAS N	LA DEQ
EPA METHOD 325B (TD/GC/MS)	BENZENE	LA DEQ	EPA METHOD 325B (TD/GC/MS)	ETHYLBENZENE	LA DEQ

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.



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EPA METHOD 325B (TD/GC/MS)	STYRENE	LA DEQ	EPA METHOD 325B - EXTENDED (TD/GC/MS)	1,3-BUTADIENE	LA DEQ
EPA METHOD 325B - EXTENDED (TD/GC/MS)	CYCLOHEXANE	LA DEQ	EPA OTM-29	HYDROGEN CYANIDE	LA DEQ
EPA TO-14A 2nd Ed.	1,2,4-TRICHLOROBENZENE	LA DEQ	EPA TO-14A 2nd Ed.	1,3,5-TRIMETHYLBENZENE	LA DEQ
EPA TO-14A 2nd Ed.	BENZENE	LA DEQ	EPA TO-14A 2nd Ed.	ETHYLBENZENE	LA DEQ
EPA TO-14A 2nd Ed.	M+P-XYLENE	LA DEQ	EPA TO-14A 2nd Ed.	STYRENE	LA DEQ
EPA TO-14A 2nd Ed.	TOLUENE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	1,4-DIETHYLBENZENE (P-DIETHYLBENZENE)	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	2,2,4-TRIMETHYLPENTANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	2-ETHYLTOLUENE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	3-ETHYLTOLUENE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	4-ETHYLTOLUENE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	ACETYLENE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	CYCLOHEXANE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	ETHENE (ETHYLENE)	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	ISOPROPYLBENZENE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	N-BUTANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	N-DECANE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	N-DODECANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	N-HEPTANE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	N-HEXANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	N-NONANE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	N-OCTANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	N-PENTANE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	N-PROPANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	N-PROPYLBENZENE	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	N-UNDECANE	LA DEQ	EPA TO-14A 2nd Ed. - EXTENDED	PROPYLENE (PROPENE)	LA DEQ
EPA TO-14A 2nd Ed. - EXTENDED	XYLENE (TOTAL)	LA DEQ	EPA TO-15 2nd Ed.	1,1,1-TRICHLOROETHANE	LA DEQ
EPA TO-15 2nd Ed.	1,1,2,2-TETRACHLOROETHANE	LA DEQ	EPA TO-15 2nd Ed.	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	LA DEQ
EPA TO-15 2nd Ed.	1,1,2-TRICHLOROETHANE	LA DEQ	EPA TO-15 2nd Ed.	1,1-DICHLOROETHANE	LA DEQ
EPA TO-15 2nd Ed.	1,1-DICHLOROETHYLENE	LA DEQ	EPA TO-15 2nd Ed.	1,2,4-TRICHLOROBENZENE	LA DEQ
EPA TO-15 2nd Ed.	1,2,4-TRIMETHYLBENZENE	LA DEQ	EPA TO-15 2nd Ed.	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	LA DEQ
EPA TO-15 2nd Ed.	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE (FREON-114)	LA DEQ	EPA TO-15 2nd Ed.	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	LA DEQ
EPA TO-15 2nd Ed.	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	LA DEQ	EPA TO-15 2nd Ed.	1,2-DICHLOROPROPANE	LA DEQ
EPA TO-15 2nd Ed.	1,3,5-TRIMETHYLBENZENE	LA DEQ	EPA TO-15 2nd Ed.	1,3-BUTADIENE	LA DEQ
EPA TO-15 2nd Ed.	1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)	LA DEQ	EPA TO-15 2nd Ed.	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	LA DEQ
EPA TO-15 2nd Ed.	1,4-DIOXANE (P-DIOXANE /1,4-DIETHYLENEOXIDE)	LA DEQ	EPA TO-15 2nd Ed.	2,2,4-TRIMETHYLPENTANE	LA DEQ
EPA TO-15 2nd Ed.	2-BUTANONE (METHYL ETHYL KETONE, MEK)	LA DEQ	EPA TO-15 2nd Ed.	4-METHYL-2-PENTANONE (METHYL ISOBUTYL KETONE, MIBK)	LA DEQ
EPA TO-15 2nd Ed.	ACETONITRILE	LA DEQ	EPA TO-15 2nd Ed.	ACROLEIN (PROPENAL)	LA DEQ



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EPA TO-15 2nd Ed.	ACRYLONITRILE	LA DEQ	EPA TO-15 2nd Ed.	ALLYL CHLORIDE (3-CHLOROPROPENE)	LA DEQ
EPA TO-15 2nd Ed.	BENZENE	LA DEQ	EPA TO-15 2nd Ed.	BENZYL CHLORIDE	LA DEQ
EPA TO-15 2nd Ed.	BROMODICHLOROMETHANE	LA DEQ	EPA TO-15 2nd Ed.	BROMOFORM	LA DEQ
EPA TO-15 2nd Ed.	CARBON DISULFIDE	LA DEQ	EPA TO-15 2nd Ed.	CARBON TETRACHLORIDE	LA DEQ
EPA TO-15 2nd Ed.	CHLOROBENZENE	LA DEQ	EPA TO-15 2nd Ed.	CHLORODIBROMOMETHANE	LA DEQ
EPA TO-15 2nd Ed.	CHLOROETHANE (ETHYL CHLORIDE)	LA DEQ	EPA TO-15 2nd Ed.	CHLOROFORM	LA DEQ
EPA TO-15 2nd Ed.	CIS-1,2-DICHLOROETHYLENE	LA DEQ	EPA TO-15 2nd Ed.	CIS-1,3-DICHLOROPROPENE	LA DEQ
EPA TO-15 2nd Ed.	CYCLOHEXANE	LA DEQ	EPA TO-15 2nd Ed.	DICHLORODIFLUOROMETHANE (FREON-12)	LA DEQ
EPA TO-15 2nd Ed.	ETHYL ACETATE	LA DEQ	EPA TO-15 2nd Ed.	ETHYLBENZENE	LA DEQ
EPA TO-15 2nd Ed.	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	LA DEQ	EPA TO-15 2nd Ed.	M+P-XYLENE	LA DEQ
EPA TO-15 2nd Ed.	M-XYLENE	LA DEQ	EPA TO-15 2nd Ed.	METHYL BROMIDE (BROMOMETHANE)	LA DEQ
EPA TO-15 2nd Ed.	METHYL CHLORIDE (CHLOROMETHANE)	LA DEQ	EPA TO-15 2nd Ed.	METHYL METHACRYLATE	LA DEQ
EPA TO-15 2nd Ed.	METHYL TERT-BUTYL ETHER (MTBE)	LA DEQ	EPA TO-15 2nd Ed.	METHYLENE CHLORIDE (DICHLOROMETHANE)	LA DEQ
EPA TO-15 2nd Ed.	N-HEPTANE	LA DEQ	EPA TO-15 2nd Ed.	N-HEXANE	LA DEQ
EPA TO-15 2nd Ed.	O-XYLENE	LA DEQ	EPA TO-15 2nd Ed.	P-XYLENE	LA DEQ
EPA TO-15 2nd Ed.	PROPYLENE (PROPENE)	LA DEQ	EPA TO-15 2nd Ed.	STYRENE	LA DEQ
EPA TO-15 2nd Ed.	TETRACHLOROETHENE (PERCHLOROETHENE)	LA DEQ	EPA TO-15 2nd Ed.	TETRAHYDROFURAN (THF)	LA DEQ
EPA TO-15 2nd Ed.	TOLUENE	LA DEQ	EPA TO-15 2nd Ed.	TRANS-1,2-DICHLOROETHENE	LA DEQ
EPA TO-15 2nd Ed.	TRANS-1,3-DICHLOROPROPENE (TRANS-1,3-DICHLOROPROPYLENE)	LA DEQ	EPA TO-15 2nd Ed.	TRICHLOROETHENE (TRICHLOROETHYLENE)	LA DEQ
EPA TO-15 2nd Ed.	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	LA DEQ	EPA TO-15 2nd Ed.	VINYL ACETATE	LA DEQ
EPA TO-15 2nd Ed.	VINYL BROMIDE (BROMOETHENE)	LA DEQ	EPA TO-15 2nd Ed.	VINYL CHLORIDE (CHLOROETHENE)	LA DEQ
EPA TO-15 2nd Ed.	XYLENE (TOTAL)	LA DEQ	EPA TO-15 2nd Ed. - EXTENDED	2-HEXANONE	LA DEQ
EPA TO-15 2nd Ed. - EXTENDED	3-METHYLPENTANE	LA DEQ	EPA TO-15 2nd Ed. - EXTENDED	4-ETHYLTOLUENE	LA DEQ
EPA TO-15 2nd Ed. - EXTENDED	ACETONE	LA DEQ	NCASI 8A	SULFUR DIOXIDE	LA DEQ
NCASI 8A	SULFURIC ACID MIST	LA DEQ	NCASI 98.01	FORMALDEHYDE	LA DEQ
NCASI 98.01	METHANOL	LA DEQ	NCASI 98.01	PHENOL	LA DEQ
NCASI 99.02	ACETALDEHYDE	LA DEQ	NCASI 99.02	FORMALDEHYDE	LA DEQ
NCASI 99.02	METHANOL	LA DEQ	NCASI 99.02	PHENOL	LA DEQ
NCASI ISS/FP-A105.01	ACETALDEHYDE	LA DEQ	NCASI ISS/FP-A105.01	ACROLEIN (PROPENAL)	LA DEQ
NCASI ISS/FP-A105.01	FORMALDEHYDE	LA DEQ	NCASI ISS/FP-A105.01	METHANOL	LA DEQ
NCASI ISS/FP-A105.01	PHENOL	LA DEQ	NCASI ISS/FP-A105.01	PROPIONALDEHYDE (PROPANAL)	LA DEQ