



**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 2009 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: October 3, 2018**

**Expiration Date: June 14, 2019**

**Certificate # 9984**

A handwritten signature in black ink, appearing to read 'Angela E. Fritzinger', written over a horizontal line.

**Angela E. Fritzinger, Ph.D.  
DCLS Deputy Director**

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.

Certificate Not Transferable

Surrender Upon Revocation



**Commonwealth of Virginia**  
 Department of General Services  
 Division of Consolidated Laboratory Services



**Scope of Accreditation**

VELAP Certificate No.: 9984

**Enthalpy Analytical, LLC**  
 800-1 Capitola Drive  
 Durham, NC 27713

**Virginia Laboratory ID: 460155**  
 Effective Date: October 03, 2018  
 Expiration Date: June 14, 2019

**AIR**

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
ASTM D1946-90	CARBON DIOXIDE	LA DEQ	ASTM D1946-90	CARBON MONOXIDE	LA DEQ
ASTM D1946-90	HYDROGEN	LA DEQ	ASTM D1946-90	METHANE	LA DEQ
ASTM D1946-90	NITROGEN (N2)	LA DEQ	ASTM D1946-90	OXYGEN	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 308	METHANOL	LA DEQ
EPA 316	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	AMMONIA AS N	LA DEQ	EPA METHOD 325B (TD/GC/MS)	BENZENE	LA DEQ
EPA METHOD 325B (TD/GC/MS)	ETHYLBENZENE	LA DEQ	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 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			

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



**Commonwealth of Virginia**  
 Department of General Services  
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**Scope of Accreditation**

VELAP Certificate No.: 9984

**Enthalpy Analytical, LLC**  
 800-1 Capitola Drive  
 Durham, NC 27713

**Virginia Laboratory ID: 460155**  
 Effective Date: October 03, 2018  
 Expiration Date: June 14, 2019

**AIR**

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
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	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

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<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA TO-15 2nd Ed.	N-HEXANE	LA DEQ
EPA TO-15 2nd Ed.	P-XYLENE	LA DEQ
EPA TO-15 2nd Ed.	STYRENE	LA DEQ
EPA TO-15 2nd Ed.	TETRAHYDROFURAN (THF)	LA DEQ
EPA TO-15 2nd Ed.	TRANS-1,2-DICHLOROETHENE	LA DEQ
EPA TO-15 2nd Ed.	TRICHLOROETHENE (TRICHLOROETHYLENE)	LA DEQ
EPA TO-15 2nd Ed.	VINYL ACETATE	LA DEQ
EPA TO-15 2nd Ed.	VINYL CHLORIDE (CHLOROETHENE)	LA DEQ
EPA TO-15 2nd Ed. - EXTENDED	2-HEXANONE	LA DEQ
EPA TO-15 2nd Ed. - EXTENDED	4-ETHYLTOLUENE	LA DEQ
NCASI 8A	SULFUR DIOXIDE	LA DEQ
NCASI 98.01	FORMALDEHYDE	LA DEQ
NCASI 98.01	PHENOL	LA DEQ
NCASI 99.02	FORMALDEHYDE	LA DEQ
NCASI 99.02	PHENOL	LA DEQ
NCASI ISS/FP-A105.01	ACROLEIN (PROPENAL)	LA DEQ
NCASI ISS/FP-A105.01	METHANOL	LA DEQ
NCASI ISS/FP-A105.01	PROPIONALDEHYDE (PROPANAL)	LA DEQ

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA TO-15 2nd Ed.	O-XYLENE	LA DEQ
EPA TO-15 2nd Ed.	PROPYLENE (PROPENE)	LA DEQ
EPA TO-15 2nd Ed.	TETRACHLOROETHENE (PERCHLOROETHENE)	LA DEQ
EPA TO-15 2nd Ed.	TOLUENE	LA DEQ
EPA TO-15 2nd Ed.	TRANS-1,3-DICHLOROPROPENE (TRANS-1,3-DICHLOROPROPYLENE)	LA DEQ
EPA TO-15 2nd Ed.	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	LA DEQ
EPA TO-15 2nd Ed.	VINYL BROMIDE (BROMOETHENE)	LA DEQ
EPA TO-15 2nd Ed.	XYLENE (TOTAL)	LA DEQ
EPA TO-15 2nd Ed. - EXTENDED	3-METHYLPENTANE	LA DEQ
EPA TO-15 2nd Ed. - EXTENDED	ACETONE	LA DEQ
NCASI 8A	SULFURIC ACID MIST	LA DEQ
NCASI 98.01	METHANOL	LA DEQ
NCASI 99.02	ACETALDEHYDE	LA DEQ
NCASI 99.02	METHANOL	LA DEQ
NCASI ISS/FP-A105.01	ACETALDEHYDE	LA DEQ
NCASI ISS/FP-A105.01	FORMALDEHYDE	LA DEQ
NCASI ISS/FP-A105.01	PHENOL	LA DEQ