



**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: CLIFFORD BALDRIDGE**

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: **June 15, 2024**

Expiration Date: **June 14, 2025**

**Certificate # 12837**

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.





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



Scope of Accreditation

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Enthalpy Analytical, LLC

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AIR

| <u>METHOD</u>                 | <u>ANALYTE</u>                           | <u>PRIMARY</u> |
|-------------------------------|------------------------------------------|----------------|
| ASTM D1946-90 (11)            | CARBON DIOXIDE                           | LA DEQ         |
| ASTM D1946-90 (11)            | HYDROGEN                                 | LA DEQ         |
| ASTM D1946-90 (11)            | NITROGEN (N2)                            | LA DEQ         |
| EPA 101 A                     | MERCURY                                  | LA DEQ         |
| EPA 17                        | PARTICULATE MATTER                       | LA DEQ         |
| EPA 201 A                     | PARTICULATE MATTER                       | LA DEQ         |
| EPA 202                       | PARTICULATES                             | LA DEQ         |
| EPA 26                        | HYDROGEN CHLORIDE<br>(HYDROCHLORIC ACID) | LA DEQ         |
| EPA 26                        | HYDROGEN HALIDES AND<br>HALOGENS         | LA DEQ         |
| EPA 26 - EXTENDED             | CHLORIDE                                 | LA DEQ         |
| EPA 26 A                      | HYDROGEN CHLORIDE<br>(HYDROCHLORIC ACID) | LA DEQ         |
| EPA 26 A                      | HYDROGEN HALIDES AND<br>HALOGENS         | LA DEQ         |
| EPA 26 A - EXTENDED           | CHLORIDE                                 | LA DEQ         |
| EPA 29 (ICP-AES)              | ANTIMONY                                 | LA DEQ         |
| EPA 29 (ICP-AES)              | BARIUM                                   | LA DEQ         |
| EPA 29 (ICP-AES)              | CADMIUM                                  | LA DEQ         |
| EPA 29 (ICP-AES)              | COBALT                                   | LA DEQ         |
| EPA 29 (ICP-AES)              | LEAD                                     | LA DEQ         |
| EPA 29 (ICP-AES)              | NICKEL                                   | LA DEQ         |
| EPA 29 (ICP-AES)              | SELENIUM                                 | LA DEQ         |
| EPA 29 (ICP-AES)              | THALLIUM                                 | LA DEQ         |
| EPA 29 (ICP-MS)               | ANTIMONY                                 | LA DEQ         |
| EPA 29 (ICP-MS)               | BARIUM                                   | LA DEQ         |
| EPA 29 (ICP-MS)               | CADMIUM                                  | LA DEQ         |
| EPA 29 (ICP-MS)               | COBALT                                   | LA DEQ         |
| EPA 29 (ICP-MS)               | LEAD                                     | LA DEQ         |
| EPA 29 (ICP-MS)               | NICKEL                                   | LA DEQ         |
| EPA 29 (ICP-MS)               | SILVER                                   | LA DEQ         |
| EPA 29 (ICP-MS)               | ZINC                                     | LA DEQ         |
| EPA 308                       | METHANOL                                 | LA DEQ         |
| EPA 323                       | FORMALDEHYDE                             | LA DEQ         |
| EPA 5 B                       | PARTICULATE MATTER,<br>NONSULFURIC ACID  | LA DEQ         |
| EPA 8                         | SULFURIC ACID MIST                       | LA DEQ         |
| EPA METHOD 325B<br>(TD/GC/MS) | BENZENE                                  | LA DEQ         |

| <u>METHOD</u>                 | <u>ANALYTE</u>                           | <u>PRIMARY</u> |
|-------------------------------|------------------------------------------|----------------|
| ASTM D1946-90 (11)            | CARBON MONOXIDE                          | LA DEQ         |
| ASTM D1946-90 (11)            | METHANE                                  | LA DEQ         |
| ASTM D1946-90 (11)            | OXYGEN                                   | LA DEQ         |
| EPA 12                        | LEAD                                     | LA DEQ         |
| EPA 18                        | TOTAL GASEOUS ORGANIC<br>COMPOUNDS       | LA DEQ         |
| EPA 201 A                     | PARTICULATES <10 UM                      | LA DEQ         |
| EPA 26                        | BROMINE                                  | LA DEQ         |
| EPA 26                        | HYDROGEN FLUORIDE<br>(HYDROFLUORIC ACID) | LA DEQ         |
| EPA 26 - EXTENDED             | BROMIDE                                  | LA DEQ         |
| EPA 26 A                      | BROMINE                                  | LA DEQ         |
| EPA 26 A                      | HYDROGEN FLUORIDE<br>(HYDROFLUORIC ACID) | LA DEQ         |
| EPA 26 A - EXTENDED           | BROMIDE                                  | LA DEQ         |
| EPA 29 (CVAAS)                | MERCURY                                  | LA DEQ         |
| EPA 29 (ICP-AES)              | ARSENIC                                  | LA DEQ         |
| EPA 29 (ICP-AES)              | BERYLLIUM                                | LA DEQ         |
| EPA 29 (ICP-AES)              | CHROMIUM                                 | LA DEQ         |
| EPA 29 (ICP-AES)              | COPPER                                   | LA DEQ         |
| EPA 29 (ICP-AES)              | MANGANESE                                | LA DEQ         |
| EPA 29 (ICP-AES)              | PHOSPHORUS                               | LA DEQ         |
| EPA 29 (ICP-AES)              | SILVER                                   | LA DEQ         |
| EPA 29 (ICP-AES)              | ZINC                                     | LA DEQ         |
| EPA 29 (ICP-MS)               | ARSENIC                                  | LA DEQ         |
| EPA 29 (ICP-MS)               | BERYLLIUM                                | LA DEQ         |
| EPA 29 (ICP-MS)               | CHROMIUM                                 | LA DEQ         |
| EPA 29 (ICP-MS)               | COPPER                                   | LA DEQ         |
| EPA 29 (ICP-MS)               | MANGANESE                                | LA DEQ         |
| EPA 29 (ICP-MS)               | SELENIUM                                 | LA DEQ         |
| EPA 29 (ICP-MS)               | THALLIUM                                 | LA DEQ         |
| EPA 306 (ICP)                 | CHROMIUM                                 | LA DEQ         |
| EPA 316                       | FORMALDEHYDE                             | LA DEQ         |
| EPA 5                         | PARTICULATE MATTER                       | LA DEQ         |
| EPA 6                         | SULFUR DIOXIDE                           | LA DEQ         |
| EPA CTM 027                   | AMMONIA AS N                             | LA DEQ         |
| EPA METHOD 325B<br>(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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| METHOD                                | ANALYTE                                             | PRIMARY |
|---------------------------------------|-----------------------------------------------------|---------|
| EPA METHOD 325B (TD/GC/MS)            | STYRENE                                             | LA DEQ  |
| EPA METHOD 325B - EXTENDED (TD/GC/MS) | CYCLOHEXANE                                         | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,1,1-TRICHLOROETHANE                               | 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-DICHLOROETHANE                                  | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,2,4-TRICHLOROBENZENE                              | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)         | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)             | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,2-DICHLOROPROPANE                                 | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,3-BUTADIENE                                       | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)             | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 2,2,4-TRIMETHYLPENTANE                              | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 4-METHYL-2-PENTANONE (METHYL ISOBUTYL KETONE, MIBK) | LA DEQ  |
| EPA TO-15 2nd Ed.                     | ACROLEIN (PROPENAL)                                 | LA DEQ  |
| EPA TO-15 2nd Ed.                     | ALLYL CHLORIDE (3-CHLOROPROPENE)                    | LA DEQ  |
| EPA TO-15 2nd Ed.                     | BENZYL CHLORIDE                                     | LA DEQ  |
| EPA TO-15 2nd Ed.                     | BROMOFORM                                           | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CARBON TETRACHLORIDE                                | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CHLORODIBROMOMETHANE                                | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CHLOROFORM                                          | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CIS-1,3-DICHLOROPROPENE                             | LA DEQ  |
| EPA TO-15 2nd Ed.                     | DICHLORODIFLUOROMETHANE (FREON-12)                  | LA DEQ  |
| EPA TO-15 2nd Ed.                     | ETHYLBENZENE                                        | LA DEQ  |
| EPA TO-15 2nd Ed.                     | M+P-XYLENE                                          | LA DEQ  |
| EPA TO-15 2nd Ed.                     | METHYL BROMIDE (BROMOMETHANE)                       | LA DEQ  |
| EPA TO-15 2nd Ed.                     | METHYL METHACRYLATE                                 | LA DEQ  |
| EPA TO-15 2nd Ed.                     | METHYLENE CHLORIDE (DICHLOROMETHANE)                | LA DEQ  |
| 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  |

| METHOD                                | ANALYTE                                            | PRIMARY |
|---------------------------------------|----------------------------------------------------|---------|
| EPA METHOD 325B - EXTENDED (TD/GC/MS) | 1,3-BUTADIENE                                      | LA DEQ  |
| EPA OTM-29                            | HYDROGEN CYANIDE                                   | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,1,2,2-TETRACHLOROETHANE                          | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,1,2-TRICHLOROETHANE                              | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,1-DICHLOROETHYLENE                               | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,2,4-TRIMETHYLBENZENE                             | 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-DICHLOROETHANE (ETHYLENE DICHLORIDE)           | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,3,5-TRIMETHYLBENZENE                             | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,3-DICHLOROBENZENE (M-DICHLOROBENZENE)            | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 1,4-DIOXANE (P-DIOXANE /1,4-DIETHYLENEOXIDE)       | LA DEQ  |
| EPA TO-15 2nd Ed.                     | 2-BUTANONE (METHYL ETHYL KETONE, MEK)              | LA DEQ  |
| EPA TO-15 2nd Ed.                     | ACETONITRILE                                       | LA DEQ  |
| EPA TO-15 2nd Ed.                     | ACRYLONITRILE                                      | LA DEQ  |
| EPA TO-15 2nd Ed.                     | BENZENE                                            | LA DEQ  |
| EPA TO-15 2nd Ed.                     | BROMODICHLOROMETHANE                               | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CARBON DISULFIDE                                   | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CHLOROBENZENE                                      | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CHLOROETHANE (ETHYL CHLORIDE)                      | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CIS-1,2-DICHLOROETHYLENE                           | LA DEQ  |
| EPA TO-15 2nd Ed.                     | CYCLOHEXANE                                        | LA DEQ  |
| EPA TO-15 2nd Ed.                     | ETHYL ACETATE                                      | LA DEQ  |
| EPA TO-15 2nd Ed.                     | HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)      | LA DEQ  |
| EPA TO-15 2nd Ed.                     | M-XYLENE                                           | LA DEQ  |
| EPA TO-15 2nd Ed.                     | METHYL CHLORIDE (CHLOROMETHANE)                    | LA DEQ  |
| EPA TO-15 2nd Ed.                     | METHYL TERT-BUTYL ETHER (MTBE)                     | LA DEQ  |
| EPA TO-15 2nd Ed.                     | N-HEPTANE                                          | LA DEQ  |
| 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  |





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|---------------------------------|----------------------------------------|----------------|
| 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<br>(TRICHLOROETHYLENE) | LA DEQ         |
| EPA TO-15 2nd Ed.               | VINYL ACETATE                          | LA DEQ         |
| EPA TO-15 2nd Ed.               | VINYL CHLORIDE<br>(CHLOROETHENE)       | LA DEQ         |
| EPA TO-15 2nd Ed. -<br>EXTENDED | 2-HEXANONE                             | LA DEQ         |
| EPA TO-15 2nd Ed. -<br>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.               | TOLUENE                                                        | LA DEQ         |
| EPA TO-15 2nd Ed.               | TRANS-1,3-DICHLOROPROPENE<br>(TRANS-1,3-DICHLOROPROPYLENE)     | LA DEQ         |
| EPA TO-15 2nd Ed.               | TRICHLOROFLUOROMETHANE<br>(FLUOROTRICHOROMETHANE,<br>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. -<br>EXTENDED | 3-METHYLPENTANE                                                | LA DEQ         |
| EPA TO-15 2nd Ed. -<br>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         |