



DEPARTMENT OF THE ENVIRONMENT
WATER SUPPLY PROGRAM

Certifies That

Enthalpy Analytical LLC

1941 Reymet Road, Richmond, VA 23237

Having duly met the requirements of the regulations governing Laboratory Certification and Standards of Performance in accordance with The Annotated Code of Maryland, is hereby approved as a

State Certified Water Quality Laboratory

*to perform the analyses indicated on the Annual Certified Parameter List,
which must accompany this certificate.*

MD Lab ID # 341

Date Issued November 21, 2023

Expiration Date December 31, 2024
(Not Transferable)

Gregory C Busch

Administrator, Water Supply Program

This certification is subject to unannounced laboratory inspections

CONSPICUOUSLY DISPLAY IN THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST.

MDE02029



SDWA ANNUAL CERTIFIED PARAMETER LIST

Issued Date: November 21, 2023

Expiration Date: December 31, 2024

Enthalpy Analytical LLC
1941 Reymet Road
Richmond, VA 23237

Mandy Mishra
MD Lab ID: 341
EPA Lab ID: VA00913

| ANALYTE | METHOD | STATUS |
|------------------------|---------------------|---------------|
| 1,1,1-Trichloroethane | EPA 524.2, Rev. 4.1 | Certified |
| 1,1,2-Trichloroethane | EPA 524.2, Rev. 4.1 | Certified |
| 1,1-Dichloroethylene | EPA 524.2, Rev. 4.1 | Certified |
| 1,2,4-Trichlorobenzene | EPA 524.2, Rev. 4.1 | Certified |
| 1,2-Dichlorobenzene | EPA 524.2, Rev. 4.1 | Certified |
| 1,2-Dichloroethane | EPA 524.2, Rev. 4.1 | Certified |
| 1,2-Dichloropropane | EPA 524.2, Rev. 4.1 | Certified |
| 1,4-Dichlorobenzene | EPA 524.2, Rev. 4.1 | Certified |
| 2,4,5-TP (Silvex) | EPA 515.4, Rev. 1.0 | Certified |
| 2,4-D | EPA 515.4, Rev. 1.0 | Certified |
| Alachlor | EPA 525.2, Rev. 2.0 | Certified |
| Antimony | EPA 200.8, Rev. 5.4 | Certified |
| Arsenic | EPA 200.8, Rev. 5.4 | Certified |
| Atrazine | EPA 525.2, Rev. 2.0 | Certified |
| Barium | EPA 200.7, Rev. 4.4 | Certified |
| Barium | EPA 200.8, Rev. 5.4 | Certified |
| Benzene | EPA 524.2, Rev. 4.1 | Certified |
| Benzo(a)pyrene | EPA 525.2, Rev. 2.0 | Certified |
| Beryllium | EPA 200.8, Rev. 5.4 | Certified |
| Bromodichloromethane | EPA 524.2, Rev. 4.1 | Certified |
| Bromoform | EPA 524.2, Rev. 4.1 | Certified |
| Cadmium | EPA 200.7, Rev. 4.4 | Certified |



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|-----------------------------|---|---------------|
| Cadmium | EPA 200.8, Rev. 5.4 | Certified |
| Carbon Tetrachloride | EPA 524.2, Rev. 4.1 | Certified |
| Chlordane | EPA 508.1, Rev. 2.0 | Certified |
| Chlorite | EPA 300.0, Rev. 2.1 | Certified |
| Chlorobenzene | EPA 524.2, Rev. 4.1 | Certified |
| Chlorodibromomethane | EPA 524.2, Rev. 4.1 | Certified |
| Chloroform | EPA 524.2, Rev. 4.1 | Certified |
| Chromium | EPA 200.7, Rev. 4.4 | Certified |
| Chromium | EPA 200.8, Rev. 5.4 | Certified |
| cis-1,2-Dichloroethene | EPA 524.2, Rev. 4.1 | Certified |
| Copper | EPA 200.7, Rev. 4.4 | Certified |
| Copper | EPA 200.8, Rev. 5.4 | Certified |
| Cyanide | SM 4500 CN-E, 23 rd ed. | Certified |
| Dalapon | EPA 515.4, Rev. 1.0 | Certified |
| Di(2-ethylhexyl)adipate | EPA 525.2, Rev. 2.0 | Certified |
| Di(2-ethylhexyl)phthalate | EPA 525.2, Rev. 2.0 | Certified |
| Dibromoacetic Acid | EPA 552.3, Rev. 1.0 | Certified |
| Dibromochloropropane (DBCP) | EPA 504.1, Rev. 1.1 | Certified |
| Dichloroacetic Acid | EPA 552.3, Rev. 1.0 | Certified |
| Dichloromethane | EPA 524.2, Rev. 4.1 | Certified |
| Dinoseb | EPA 515.4, Rev. 1.0 | Certified |
| E. coli | SM 9223 Colilert , 18 th ed. | Certified |



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|---------------------------|--|---------------|
| E. coli | SM 9223 Colisure, 18 th ed. | Certified |
| E. coli (enumeration) | SM 9223 Colilert, 18 th ed. | Certified |
| Endrin | EPA 508.1, Rev. 2.0 | Certified |
| Ethylbenzene | EPA 524.2, Rev. 4.1 | Certified |
| Ethylene Dibromide (EDB) | EPA 504.1, Rev. 1.1 | Certified |
| Fluoride | EPA 300.0, Rev. 2.1 | Certified |
| Heptachlor | EPA 508.1, Rev. 2.0 | Certified |
| Heptachlor Epoxide | EPA 508.1, Rev. 2.0 | Certified |
| Hexachlorobenzene | EPA 525.2, Rev. 2.0 | Certified |
| Hexachlorocyclopentadiene | EPA 525.2, Rev. 2.0 | Certified |
| Lead | EPA 200.8, Rev. 5.4 | Certified |
| Lindane | EPA 508.1, Rev. 2.0 | Certified |
| Mercury | EPA 245.1, Rev. 3.0 | Certified |
| Methoxychlor | EPA 508.1, Rev. 2.0 | Certified |
| Monobromoacetic Acid | EPA 552.3, Rev. 1.0 | Certified |
| Monochloroacetic Acid | EPA 552.3, Rev. 1.0 | Certified |
| Nitrate | EPA 300.0, Rev. 2.1 | Certified |
| Nitrite | EPA 300.0, Rev. 2.1 | Certified |
| PCBs as Araclors | EPA 508.1, Rev. 2.0 | Certified |
| Pentachlorophenol | EPA 515.4, Rev. 1.0 | Certified |
| Picloram | EPA 515.4, Rev. 1.0 | Certified |
| Selenium | EPA 200.8, Rev. 5.4 | Certified |



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| Simazine | EPA 525.2, Rev. 2.0 | Certified |
| Styrene | EPA 524.2, Rev. 4.1 | Certified |
| Tetrachloroethylene | EPA 524.2, Rev. 4.1 | Certified |
| Thallium | EPA 200.8, Rev. 5.4 | Certified |
| Toluene | EPA 524.2, Rev. 4.1 | Certified |
| Total Coliforms | SM 9223 Colilert, 18 th ed. | Certified |
| Total Coliforms | SM 9223 Colisure, 18 th ed. | Certified |
| Total Trihalomethanes | EPA 524.2, Rev. 4.1 | Certified |
| Toxaphene | EPA 508.1, Rev. 2.0 | Certified |
| trans-1,2-Dichloroethene | EPA 524.2, Rev. 4.1 | Certified |
| Trichloroacetic Acid | EPA 552.3, Rev. 1.0 | Certified |
| Trichloroethylene | EPA 524.2, Rev. 4.1 | Certified |
| Vinyl Chloride | EPA 524.2, Rev. 4.1 | Certified |
| (total) Xylenes | EPA 524.2, Rev. 4.1 | Certified |