



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 December 9, 2022

Expiration Date December 31, 2023  
(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.

MDE01942



***SDWA ANNUAL CERTIFIED PARAMETER LIST - REVISED***

*Issued Date: August 17, 2023*

*Expiration Date: December 31, 2023*

Enthalpy Analytical LLC  
1941 Reymet Road  
Richmond, VA 23237

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

<b>ANALYTE</b>	<b>METHOD</b>	<b>STATUS</b>
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
<b>Cyanide</b>	<b>SM 4500 CN-E, 23<sup>rd</sup> ed.</b>	<b>Certified</b>
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 <sup>th</sup> ed.	Certified



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E. coli	SM 9223 Colisure, 18 <sup>th</sup> ed.	Certified
E. coli (enumeration)	SM 9223 Colilert, 18 <sup>th</sup> 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 <sup>th</sup> ed.	Certified
Total Coliforms	SM 9223 Colisure, 18 <sup>th</sup> 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