

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

EDGE ANALYTICAL, INC.

LOCATED AT 1620 S. Walnut Street IN Burlington, WA 98233

AND REGISTERED IN THE NAME OF Lawrence Henderson, Ph.D.

THIS CERTIFICATE IS ISSUED IN THE NAME OF Lawrence Henderson, Ph.D. WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

Drinking Water

Examination For:
INORGANIC CHEMICALS
ORGANIC CHEMICALS

SEE CERTIFIED PARAMETER LIST FOR SPECIFIC TESTS APPROVED

EFFECTIVE RENEWAL DATE October 1, 2024

THIS CERTIFICATE EXPIRES September 30, 2026 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 12th DAY OF September, 2024



Registration No.

PH-0150

Lisa Michelle Morrissey

Lisa Michelle Morrissey, MPH
Deputy Commissioner

Rev. Feb. 2023

STATE OF CONNECTICUT



DEPARTMENT OF PUBLIC HEALTH ENVIRONMENT LAB CERTIFICATION PROGRAM (ELCP)

CERTIFIED ANALYTES REPORT FOR ALL MATRICES

Edge Analytical, Inc.

1620 S. WALNUT STREET
BURLINGTON, WA 98233

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : Lawrence J. Henderson Ph.D.

DIRECTOR : Lawrence J. Henderson Ph.D.

CO DIRECTOR(S) :

PHONE : (360) 757-1400

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY

A handwritten signature in blue ink that reads 'Lisa Michelle Morrissey'.

Lisa Michelle Morrissey, MPH
Deputy Commissioner
Connecticut Department of Public Health

REVIEWED BY

A handwritten signature in blue ink that reads 'Dawn E Shaban'.

9/12/2024 9:35:22 AM

Dawn Shaban
Laboratory Consultant

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO THE
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

DRINKING WATER (SDWA)

STATUS REPORTED ON 9/12/2024

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

Color SM2120B

Conductivity SM2510B

pH EPA 150.1

Turbidity EPA 180.1

Odor SM2150B

pH SM4500H+B

INORGANIC MINERALS PARAMETERS

Alkalinity as CaCO₃ SM2320B

Fluoride EPA 300.0

Total Hardness SM2340B

Chloride EPA 300.0

Sulfate EPA 300.0

INORGANIC NUTRIENT PARAMETERS

Nitrate as N EPA 300.0

Nitrite as N EPA 300.0

Orthophosphate as P SM4500P F

Nitrate as N SM4500NO₃ F

Nitrite as N SM4500NO₃ F

METALS

Aluminum EPA 200.7

Arsenic EPA 200.8

Barium EPA 200.8

Beryllium EPA 200.8

Cadmium EPA 200.7

Calcium EPA 200.7

Chromium EPA 200.8

Copper EPA 200.8

Lead EPA 200.8

Manganese EPA 200.7

Mercury EPA 200.8

Molybdenum EPA 200.7

Nickel EPA 200.8

Selenium EPA 200.8

Silver EPA 200.8

Thallium EPA 200.8

Vanadium EPA 200.7

Zinc EPA 200.8

Antimony EPA 200.8

Barium EPA 200.7

Beryllium EPA 200.7

Boron EPA 200.7

Cadmium EPA 200.8

Chromium EPA 200.7

Copper EPA 200.7

Iron EPA 200.7

Magnesium EPA 200.7

Manganese EPA 200.8

Mercury EPA 245.1

Nickel EPA 200.7

Potassium EPA 200.7

Silver EPA 200.7

Sodium EPA 200.7

Uranium EPA 200.8

Zinc EPA 200.7

INORGANIC SOLIDS

Total Dissolved Solids (TDS) SM2540 C

INORGANIC DEMANDS

Total Organic Carbon SM5310 B

INORGANIC MISCELLANEOUS PARAMETERS

Cyanide, Available OIA-1677

DISINFECTANT RESIDUALS

Chlorine SM4500Cl G

Free chlorine SM4500Cl G

INORGANIC DISINFECTION BY-PRODUCTS

Bromate EPA 300.1

Bromide EPA 300.1

Chlorate EPA 300.1

Chlorite EPA 300.1

ORGANIC DISINFECTION BY-PRODUCTS

Dibromoacetic acid EPA 552.3

Dichloroacetic Acid EPA 552.3

Monobromoacetic acid EPA 552.3

Monochloroacetic acid EPA 552.3

Total HAAs EPA 552.3

Trichloroacetic Acid EPA 552.3

VOLATILE ORGANICS

1,1,1,2-Tetrachloroethane EPA 524.2

1,1,1-Trichloroethane EPA 524.2

1,1,2,2-Tetrachloroethane EPA 524.2

1,1,2-Trichloroethane EPA 524.2

1,1-Dichloroethane EPA 524.2

1,1-Dichloroethene EPA 524.2

1,1-Dichloropropene EPA 524.2

1,2,3-Trichlorobenzene EPA 524.2

1,2,3-Trichloropropane EPA 524.2

1,2,4-Trichlorobenzene EPA 524.2

1,2,4-Trimethylbenzene EPA 524.2

1,2-Dibromo-3-chloropropane (DBCP) EPA 504.1

1,2-Dibromoethane (EDB, Ethylene dibromide) EPA 504.1

1,2-Dichlorobenzene EPA 524.2

1,2-Dichloroethane EPA 524.2

1,2-Dichloropropane EPA 524.2

1,3,5-Trimethylbenzene EPA 524.2

1,3-Dichlorobenzene EPA 524.2

1,3-Dichloropropane EPA 524.2

1,4-Dichlorobenzene EPA 524.2

2,2-Dichloropropane EPA 524.2

2-Chlorotoluene EPA 524.2

4-Chlorotoluene EPA 524.2

4-Isopropyltoluene EPA 524.2

Benzene EPA 524.2

Bromobenzene EPA 524.2

Bromochloromethane EPA 524.2

Bromodichloromethane EPA 524.2

Bromoform EPA 524.2

Bromomethane EPA 524.2

Carbon Tetrachloride EPA 524.2

Chlorobenzene EPA 524.2

Chloroethane EPA 524.2

Chloroform EPA 524.2

Chloromethane EPA 524.2

cis-1,2 Dichloroethene EPA 524.2

cis-1,3 Dichloropropene EPA 524.2

Dibromochloromethane EPA 524.2

Dibromomethane EPA 524.2

Dichlorodifluoromethane EPA 524.2

Ethylbenzene EPA 524.2

Hexachlorobutadiene EPA 524.2

Isopropylbenzene EPA 524.2

m+p Xylene EPA 524.2

Methyl-tert-butyl-ether EPA 524.2

Methylene chloride EPA 524.2

Naphthalene EPA 524.2	o-Xylene EPA 524.2
n-Butylbenzene EPA 524.2	n-Propylbenzene EPA 524.2
sec-Butylbenzene EPA 524.2	Styrene EPA 524.2
tert-Butylbenzene EPA 524.2	Tetrachloroethene EPA 524.2
Toluene EPA 524.2	Total Trihalomethanes EPA 524.2
trans-1,2-Dichloroethene EPA 524.2	trans-1,3-Dichloropropene EPA 524.2
Trichloroethene EPA 524.2	Trichlorofluoromethane EPA 524.2
Vinyl Chloride EPA 524.2	Xylenes, Total EPA 524.2

PESTICIDES

Chlordane, Technical EPA 508.1	
Dieldrin EPA 508.1	Lindane EPA 508.1
Methoxychlor EPA 508.1	Toxaphene EPA 508.1

POLYCHLORINATED BIPHENYLS

Aroclor 1016 EPA 508.1	Aroclor 1221 EPA 508.1
Aroclor 1232 EPA 508.1	Aroclor 1242 EPA 508.1
Aroclor 1248 EPA 508.1	Aroclor 1254 EPA 508.1
Aroclor 1260 EPA 508.1	

HERBICIDES

2,4-D EPA 515.4	
Dalapon EPA 515.4	Dicamba EPA 515.4
Dinoseb EPA 515.4	Diquat EPA 549.2
Endothall EPA 548.1	Glyphosate EPA 547
Pentachlorophenol EPA 515.4	Picloram EPA 515.4
Silvex (2,4,5-TP) EPA 515.4	

CARBAMATE PESTICIDES

Aldicarb EPA 531.2	Aldicarb Sulfone EPA 531.2
Aldicarb Sulfoxide EPA 531.2	Carbaryl EPA 531.2
Carbofuran EPA 531.2	Methomyl EPA 531.2
Oxamyl EPA 531.2	

SEMIVOLATILES

Alachlor EPA 525.2	
Atrazine EPA 525.2	Benzo(a)pyrene EPA 525.2
Butachlor EPA 525.2	Di(2-ethylhexyl)adipate EPA 525.2
Di(2-ethylhexyl)phthalate EPA 525.2	Endrin EPA 525.2
Heptachlor EPA 525.2	Heptachlor Epoxide EPA 525.2
Hexachlorobenzene EPA 525.2	Hexachlorocyclopentadiene EPA 525.2
Methoxychlor EPA 525.2	Metribuzin EPA 525.2
Propachlor (Ramrod) EPA 525.2	Simazine EPA 525.2

Report Profile:

Lab Name : Edge Analytical, Inc.

Test Name : *

Matrix Name : *

Matrix Selection = ALL OR SOME MATRICES SELECTED

Certifications approved or provisional on 9/12/2024

THIS IS THE LAST PAGE OF THE REPORT