

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.

MICROBAC LABORATORIES, INC. – Dayville

LOCATED AT 61 Louisa Viens Drive IN Dayville, Connecticut 06241

AND REGISTERED IN THE NAME OF N. Cabot Earle, Jr.

THIS CERTIFICATE IS ISSUED IN THE NAMES OF Ronald Warila (Micro & Chemistry) WHO HAVE BEEN DESIGNATED
David Dickinson (Chemistry)

BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE WATER/WASTEWATER,SOLID WASTE/SOIL ENVIRONMENTAL HEALTH & HOUSING

Examination for:
BACTERIA
INORGANIC CHEMICALS
ORGANIC CHEMICALS
RADIOCHEMICALS

Examination for:
Paint Chips
Lead Paint in Soil

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2019 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 20th DAY OF October 2017



Registration No.
PH-0465


SUZANNE BLANCAFLOR, MS, MPH
CHIEF, ENVIRONMENTAL HEALTH SECTION



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION



ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM CERTIFIED ANALYTES REPORT FOR ALL MATRICES

Microbac Laboratories, INC. - Dayville

61 LOUISA VIENS DRIVE
DAYVILLE, CT 06241

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : N. Cabot Earle, Jr.

DIRECTOR : Ronald Warila

CO DIRECTOR(S) :

PHONE : (860) 774-6814

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY

SUZANNE BLANCAFLOR, MS, MPH
CHIEF, ENVIRONMENTAL HEALTH SECTION

REVIEWED BY

DERMOT JONES

8/3/2018 10:28:24 AM

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

DRINKING WATER (SDWA)

STATUS REPORTED ON 8/3/2018

ANALYTE NAME

MICROBIOLOGY/BACTERIA

E. COLI - COLILERT (SM9223 Enumeration & P/A)

ENTEROCOCCUS - ENTEROLERT

HPC - POUR PLATE (SM9215B)

HPC - SIMPLATE

TOT COLIFORM - COLILERT (SM9223 Enumeration & P/A)

PHYSICALS

COLOR

CONDUCTIVITY

ODOR

pH

TEMPERATURE

TURBIDITY

MINERALS

ALKALINITY

CHLORIDE

CHLORINE, FREE RESIDUAL

FLUORIDE

HARDNESS, CALCIUM

HARDNESS, TOTAL

SILICA

SULFATE

NUTRIENTS

AMMONIA

NITRATE

NITRITE

O-PHOSPHATE

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

VANADIUM

ZINC

RESIDUE

TOTAL DISSOLVED SOLIDS

TOTAL RESIDUE (SOLIDS)

DEMANDS

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

FOAMING AGENTS (MBAS)

INORGANIC DISINFECTION BY-PRODUCTS

BROMATE

BROMIDE

CHLORATE

CHLORITE

ORGANIC DISINFECTION BY-PRODUCTS

BROMOACETIC ACID

BROMOCHLOROACETIC ACID

BROMODICHLOROACETIC ACID

CHLOROACETIC ACID

CHLORODIBROMOACETIC ACID

DIBROMOACETIC ACID

DICHLOROACETIC ACID

TRIBROMOACETIC ACID

TRICHLOROACETIC ACID

VOLATILE ORGANICS

1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP)
(SOC)

1,4-DIOXANE (522 SIM)

ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

TOTAL TRIHALOMETHANES 524.2 (SOC)

VINYL CHLORIDE - 524.2

VOLATILE ORGANICS - 524.2 (SOCs)

PESTICIDES/ PCB'S

ALDRIN

CHLORDANE (TECHNICAL) (SOC)

DIELDRIN

ENDRIN (SOC)

HEPTACHLOR (SOC)

HEPTACHLOR EPOXIDE (SOC)

HEXACHLOROBENZENE (SOC)

HEXACHLOROCYCLOPENTADIENE (SOC)

LINDANE (BHC-GAMMA) (SOC)

METHOXYCHLOR (SOC)

METRIBUZIN

PCB's (Aroclors, Qualitative Only)

TOXAPHENE (SOC)

HERBICIDES

2,4,5-TP (SILVEX) (SOC)

2,4-D (SOC)

DALAPON (SOC)

DICAMBA

DINOSEB (SOC)

DIQUAT (SOC)

GLYPHOSATE (SOC)

PENTACHLOROPHENOL (SOC)

PICLORAM (SOC)

PHTHALATE ESTERS & ADIPATES

BIS (2 - ETHYLHEXYL) ADIPATE (SOC)

BIS (2-EHTYLHEXYL) PHTHALATE (SOC)

PAHS

BENZO(a) PYRENE (SOC)

TRIAZINE PESTICIDES

ALACHLOR (SOC)

ATRAZINE (SOC)

BUTACHLOR

METOLACHLOR
SIMAZINE (SOC)

PROPACHLOR

CARBAMATE PESTICIDES

3 - HYDROXYCARBOFURAN

ALDICARB (SOC)

ALDICARB SULFONE (SOC)

ALDICARB SULFOXIDE (SOC)

CARBARYL

CARBOFURAN (SOC)

METHOMYL

OXAMYL (SOC)

RADIOCHEMICALS

URANIUM - EPA 200.8

NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 8/3/2018

ANALYTE NAME

MICROBIOLOGY/BACTERIA

| | |
|--|--------------------------------------|
| E. COLI - COLILERT (SM9223 Enumeration) | |
| ENTEROCOCCUS - ENTEROLERT | ENTEROCOCCUS - MF mEI Agar (EPA1600) |
| FECAL COLIFORM - COLILERT-18 (Enumeration) | FECAL COLIFORM - MF m-FC (SM9222D) |
| HPC - POUR PLATE (SM9215B) | |

PHYSICALS

| | |
|-------------|--------------|
| COLOR | CONDUCTIVITY |
| ODOR | pH |
| TEMPERATURE | TURBIDITY |

MINERALS

| | |
|--------------------------|-----------------|
| ACIDITY | |
| ALKALINITY | CHLORIDE |
| CHLORINE, TOTAL RESIDUAL | HARDNESS, TOTAL |
| SILICA | SULFATE |
| SULFIDE | |

NUTRIENTS

| | |
|-------------|-------------------|
| AMMONIA | KJELDAHL NITROGEN |
| NITRATE | NITRITE |
| O-PHOSPHATE | TOTAL PHOSPHOROUS |

METALS

| | |
|-----------|-----------------------|
| ALUMINUM | ANTIMONY |
| ARSENIC | BARIUM |
| BERYLLIUM | BORON |
| CADMIUM | CALCIUM |
| CHROMIUM | CHROMIUM - Hexavalent |
| COBALT | COPPER |
| IRON | LEAD |
| MAGNESIUM | MANGANESE |
| MERCURY | MOLYBDENUM |
| NICKEL | POTASSIUM |
| SELENIUM | SILVER |
| SODIUM | STRONTIUM |
| THALLIUM | TIN |
| TITANIUM | VANADIUM |

ZINC

RESIDUE

| | |
|------------------------|------------------------|
| TOTAL DISSOLVED SOLIDS | TOTAL RESIDUE (SOLIDS) |
| TOTAL SUSPENDED SOLIDS | TOTAL VOLATILE RESIDUE |

DEMANDS

| | |
|----------------------|-----|
| BOD | |
| CARBONACEOUS BOD | COD |
| TOTAL ORGANIC CARBON | |

MISCELLANEOUS

| | |
|-----------------------|-----------|
| CYANIDE (TOTAL) | |
| FOAMING AGENTS (MBAS) | PHENOLICS |

VOLATILE ORGANICS

VOLATILE ORGANICS - 624.1

PESTICIDES/ PCB'S

| | |
|-----------------------|-----------------------------------|
| CHLORDANE (TECHNICAL) | ORGANOCHLORINE PESTICIDES - 608.3 |
| PCBs - 608.3 | TOXAPHENE |

SOLVENTS

| | |
|--|---------------|
| CT Extractable Petroleum Hydrocarbons (ETPH) | |
| OIL & GREASE | TPH (HEM/SGT) |

HERBICIDES

| | |
|-------------------|-------|
| 2,4,5-T | |
| 2,4,5-TP (SILVEX) | 2,4-D |

ORGANICS

| | |
|-----------------------------|-----------------------------------|
| ACID EXTRACTABLES (PHENOLS) | BENZIDINES |
| CHLORINATED HYDROCARBONS | HALOETHERS |
| NITROAROMATICS & ISOPHORONE | NITROSAMINES |
| PHTHALATE ESTERS | POLYNUCLEAR AROMATIC HYDROCARBONS |

SEMIVOLATILES

SEMIVOLATILES - 625.1

RECREATIONAL WATER

STATUS REPORTED ON 8/3/2018

ANALYTE NAME

MICROBIOLOGY/BACTERIA

E. COLI - COLILERT (SM9223 Enumeration)

ENTEROCOCCUS - MF mEI Agar (EPA1600)

SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 8/3/2018

ANALYTE NAME

PHYSICALS

pH

MINERALS

SULFIDE

NUTRIENTS

KJELDAHL NITROGEN

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

BARIUM

BORON

CALCIUM

CHROMIUM - Hexavalent

COPPER

LEAD

MERCURY

POTASSIUM

SILVER

THALLIUM

VANADIUM

ARSENIC

BERYLLIUM

CADMIUM

CHROMIUM

COBALT

IRON

MAGNESIUM

NICKEL

SELENIUM

SODIUM

TIN

MISCELLANEOUS

CORROSIVITY

IGNITABILITY

TCLP LEACH (1311)

CYANIDE (TOTAL)

SPLP LEACH (1312)

PESTICIDES/ PCB'S

CHLORDANE (TECHNICAL)

ORGANOCHLORINE PESTICIDES (Single Response)

POLYCHLORINATED BIPHENYLS

PCB IN OIL

TOXAPHENE

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)

RCRA (SW-846) ORGANICS

3,3'-DICHLOROBENZIDINE (SW 8270)

ACID EXTRACTABLES (PHENOLS) (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

HALOETHERS (SW 8270)

NITROSOAMINES (SW 8270)

PHTHALATES (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW
8270)

PAH's (SW 8270)

VOLATILE ORGANICS (SW 8260)

ENVIRONMENTAL HEALTH & HOUSING

LEAD (PAINT) IN SOIL

LEAD IN PAINT

Report Profile: Lab Name : Microbac Laboratories, INC. - Dayville
Test Name : *
Matrix Name : *
Matrix Selection = ALL OR SOME MATRICES SELECTED
Certifications approved or provisional on 8/3/2018

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