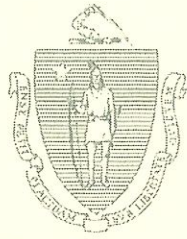


*The Commonwealth of Massachusetts*



*Department of Environmental Protection*

*Division of Environmental Laboratory Sciences*

*Senator William X. Wall Experiment Station*

*certifies*

M-CT008

MICROBAC LABORATORIES INC

61 LOUISA VIENS DR  
DAYVILLE, CT 06241-0000

*Laboratory Director:* RONALD WARILA

*for the analysis of* NON POTABLE WATER (CHEMISTRY)  
POTABLE WATER (CHEMISTRY)  
POTABLE WATER (RADIOCHEMISTRY)  
POTABLE WATER (MICROBIOLOGY)  
NON POTABLE WATER (MICROBIOLOGY)

*pursuant to 310 CMR 42.00*

*This certificate supersedes all previous Massachusetts certificates issued to this laboratory. The laboratory is regulated by and shall be responsible for being in compliance with Massachusetts regulations at 310 CMR 42.00.*

*This certificate is valid only when accompanied by the latest dated Certified Parameter List as issued by the Massachusetts D.E.P. Contact the Division of Environmental Laboratory Sciences to verify the current certification status of the laboratory.*

*Certification is no guarantee of the validity of the data. This certification is subject to unannounced laboratory inspections.*

A handwritten signature in black ink, reading "Oscar C. Jacobo".

*Director, Division of Environmental Laboratory Sciences*

*Issued:* 01 JUL 2021

*Expires:* 30 JUN 2022

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2021

M-CT008 MICROBAC LABORATORIES INC  
DAYVILLE CT

NON POTABLE WATER (CHEMISTRY)      Effective Date      22 JAN 2019      Expiration Date      30 JUN 2022

<u>Analytes</u>	<u>Methods</u>
ALUMINUM	EPA 200.7
ALUMINUM	EPA 200.8
ANTIMONY	EPA 200.7
ANTIMONY	EPA 200.8
ARSENIC	EPA 200.7
ARSENIC	EPA 200.8
BERYLLIUM	EPA 200.7
BERYLLIUM	EPA 200.8
CADMIUM	EPA 200.7
CADMIUM	EPA 200.8
CHROMIUM	EPA 200.7
CHROMIUM	EPA 200.8
COBALT	EPA 200.7
COBALT	EPA 200.8
COPPER	EPA 200.7
COPPER	EPA 200.8
IRON	EPA 200.7
LEAD	EPA 200.7
LEAD	EPA 200.8
MANGANESE	EPA 200.7
MANGANESE	EPA 200.8
MERCURY	EPA 245.2
MOLYBDENUM	EPA 200.7
MOLYBDENUM	EPA 200.8
NICKEL	EPA 200.7
NICKEL	EPA 200.8
SELENIUM	EPA 200.7
SELENIUM	EPA 200.8
SILVER	EPA 200.7
SILVER	EPA 200.8
THALLIUM	EPA 200.7
THALLIUM	EPA 200.8
VANADIUM	EPA 200.7
VANADIUM	EPA 200.8
ZINC	EPA 200.7
ZINC	EPA 200.8
PH	SM 4500-H-B
SPECIFIC CONDUCTIVITY	SM 2510B
TOTAL DISSOLVED SOLIDS	SM 2540C
HARDNESS (CaCO3), TOTAL	EPA 200.7
CALCIUM	EPA 200.7
MAGNESIUM	EPA 200.7
SODIUM	EPA 200.7



COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2021

M-CT008 MICROBAC LABORATORIES INC  
DAYVILLE CT

POTABLE WATER (CHEMISTRY)	Effective Date	08 OCT 2020	Expiration Date	30 JUN 2022
<u>Analytes</u>			<u>Methods</u>	
ALUMINUM			EPA 200.7	
ALUMINUM			EPA 200.8	
ANTIMONY			EPA 200.8	
ARSENIC			EPA 200.8	
BARIUM			EPA 200.7	
BARIUM			EPA 200.8	
BERYLLIUM			EPA 200.7	
BERYLLIUM			EPA 200.8	
CADMIUM			EPA 200.7	
CADMIUM			EPA 200.8	
CHROMIUM			EPA 200.7	
CHROMIUM			EPA 200.8	
COPPER			EPA 200.7	
COPPER			EPA 200.8	
IRON			EPA 200.7	
LEAD			EPA 200.8	
MANGANESE			EPA 200.7	
MANGANESE			EPA 200.8	
MERCURY			EPA 245.2	
NICKEL			EPA 200.7	
NICKEL			EPA 200.8	
SELENIUM			EPA 200.8	
SILVER			EPA 200.7	
SILVER			EPA 200.8	
THALLIUM			EPA 200.8	
ZINC			EPA 200.7	
ZINC			EPA 200.8	
NITRATE-N			SM 4500-NO3-F	
NITRITE-N			SM 4500-NO3-F	
FLUORIDE			SM 4500-F-C	
SODIUM			EPA 200.7	
CHLORIDE			EPA 300.0	
SULFATE			SM 4500-SO4-E	
CYANIDE, TOTAL			SM 4500-CN-C,E	
TURBIDITY			SM 2130B	
CHLORINE, RESIDUAL FREE			SM 4500-CL-G	
CALCIUM			EPA 200.7	
ALKALINITY, TOTAL			SM 2320B	
TOTAL DISSOLVED SOLIDS			SM 2540C	
PH			SM 4500-H-B	
2,4-D			EPA 515.3	
2,4,5-TP			EPA 515.3	
DALAPON			EPA 515.3	

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2021

M-CT008                      MICROBAC LABORATORIES INC  
   DAYVILLE CT

POTABLE WATER (CHEMISTRY)                      Effective Date                      08 OCT 2020                      Expiration Date                      30 JUN 2022

<u>Analytes</u>	<u>Methods</u>
DINOSEB	EPA 515.3
PENTACHLOROPHENOL	EPA 515.3
PICLORAM	EPA 515.3
ALACHLOR	EPA 525.2
ALACHLOR	EPA 505
ATRAZINE	EPA 525.2
CHLORDANE	EPA 505
ENDRIN	EPA 525.2
ENDRIN	EPA 505
HEPTACHLOR	EPA 525.2
HEPTACHLOR	EPA 505
HEPTACHLOR EPOXIDE	EPA 525.2
HEPTACHLOR EPOXIDE	EPA 505
HEXACHLORO BENZENE	EPA 525.2
HEXACHLORO BENZENE	EPA 505
HEXACHLORO CYCLOPENTADIENE	EPA 525.2
HEXACHLORO CYCLOPENTADIENE	EPA 505
LINDANE	EPA 525.2
LINDANE	EPA 505
METHOXYCHLOR	EPA 525.2
METHOXYCHLOR	EPA 505
SIMAZINE	EPA 525.2
TOXAPHENE	EPA 505
ALDICARB	EPA 531.2
ALDICARB SULFONE	EPA 531.2
ALDICARB SULFOXIDE	EPA 531.2
CARBOFURAN	EPA 531.2
VYDATE	EPA 531.2
BENZO-A-PYRENE	EPA 525.2
ADIPATES/PHTHALATES	EPA 525.2
TRIHALOMETHANES	EPA 524.2
VOLATILE ORGANIC COMPOUNDS	EPA 524.2
1,2-DIBROMOETHANE	EPA 504.1
1,2-DIBROMO-3-CHLOROPROPANE	EPA 504.1
HALOACETIC ACIDS	EPA 552.2
1,4-DIOXANE	EPA 522
DIQUAT	EPA 549.2

**COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2021

**M-CT008                      MICROBAC LABORATORIES INC  
DAYVILLE CT**

**NON POTABLE WATER (MICROBIOLOGY)                      Effective                      28 SEP 2017                      Expiration                      30 JUN 2022  
Date                      Date**

**Analytes**

E. COLI	AMBIENT WATER
ENTEROCOCCI	AMBIENT WATER
ENTEROCOCCI	AMBIENT WATER
FECAL COLIFORM	WASTEWATER
E. COLI	WASTEWATER
ENTEROCOCCI	WASTEWATER
ENTEROCOCCI	WASTEWATER

**Methods**

SM 9223B-COLILERT  
ENTEROLERT  
EPA 1600  
MF-SM9222D  
SM 9223B-COLILERT  
ENTEROLERT  
EPA 1600

**POTABLE WATER (MICROBIOLOGY)                      Effective                      18 JAN 2019                      Expiration                      30 JUN 2022  
Date                      Date**

**Analytes**

HETEROTROPHIC PLATE COUNT	
TOTAL COLIFORM	WATER TREATMENT AND DISTRIBUTION (P/A)
E. COLI	WATER TREATMENT AND DISTRIBUTION (P/A)
E. COLI	SOURCE WATER (ENUMERATION)

**Methods**

SM9215B  
ENZ. SUB. SM9223  
ENZ. SUB. SM9223  
SM 9223B-COLILERT

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2021

M-CT008

MICROBAC LABORATORIES INC  
DAYVILLE CT

POTABLE WATER (RADIOCHEMISTRY)

Effective  
Date

01 JUL 2015

Expiration 30 JUN 2022  
Date

Analytes

URANIUM

Methods

EPA 200.8