

Expires 12:01 AM April 01, 2025 Issued April 01, 2024 Revised January 13, 2025

# CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ANTHONY D. CANTER MICROBAC LABORATORIES, INC. - MARIETTA DIVISION 158 STARLITE DRIVE MARIETTA, OH 45750 NY Lab Id No: 10861

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER All approved analytes are listed below:

#### **Dissolved Gases**

Acetylene	RSK-175	
Ethane	RSK-175	
Ethene (Ethylene)	RSK-175	
Methane	RSK-175	
Propane	RSK-175	
Metals I		
Copper, Total	EPA 200.7 Rev. 4.4	
	EPA 200.8 Rev. 5.4	
Lead, Total	EPA 200.8 Rev. 5.4	
Metals III		
Uranium (Mass)	EPA 200.8 Rev. 5.4	
Miscellaneous		
Organic Carbon, Dissolved	SM 21-23 5310C (-00)	
Organic Carbon, Total	SM 21-23 5310C (-00)	
Perfluorinated Alkyl Acids		
11CI-PF3OUdS	EPA 533	
	EPA 537.1, Version 2	
4:2FTS	EPA 533	
6:2FTS	EPA 533	
8:2FTS	EPA 533	
9CI-PF3ONS	EPA 533	
	EPA 537.1, Version 2	
ADONA	EPA 533	
	EPA 537.1, Version 2	
HFPO-DA (GenX)	EPA 533	
	EPA 537.1, Version 2	

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#### Perfluorinated Alkyl Acids

NEtFOSAA	EPA 537.1, Version 2	
NMeFOSAA	EPA 537.1, Version 2	
Nonafluoro-3,6-Dioxaheptanoic Acid	EPA 533	
Perflourotridecanoic Acid (PFTrDA)	EPA 537.1, Version 2	
Perfluordecanoic Acid (PFDA)	EPA 533	
Perfluoro-3-Methoxypropanoic Acid	EPA 533	
Perfluoro-4-Methoxybutanoic Acid	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	EPA 533	
	EPA 537.1, Version 2	
Perfluorobutanoic Acid (PFBA)	EPA 533	
Perfluorododecanoic Acid (PFDoA)	EPA 533	
	EPA 537.1, Version 2	
Perfluoroheptanesulfonic Acid (PFHp	S EPA 533	
Perfluoroheptanoic Acid (PFHpA)	EPA 533	
	EPA 537.1, Version 2	
Perfluorohexanesulfonic Acid (PFHxS	S EPA 533	
	EPA 537.1, Version 2	
Perfluorohexanoic Acid (PFHxA)	EPA 533	
	EPA 537.1, Version 2	
Perfluorononanoic Acid (PFNA)	EPA 533	
	EPA 537.1, Version 2	
Perfluorooctanesulfonic Acid (PFOS)	EPA 533	
	EPA 537.1, Version 2	
Perfluorooctanoic Acid (PFOA)	EPA 533	
	EPA 537.1, Version 2	
Perfluoropentanesulfonic Acid (PFPes	S EPA 533	
Perfluoropentanoic Acid (PFPeA)	EPA 533	

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#### Perfluorinated Alkyl Acids

Perfluorotetradecanoic Acid (PFTA)	EPA 537.1, Version 2
Perfluoroundecanoic Acid (PFUnA)	EPA 533
	EPA 537.1, Version 2
PFEESA	EPA 533



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#### Acrylates

Acrolein (Propenal)	EPA 624.1	
Acrylonitrile	EPA 8260D	
	EPA 624.1	
Ethyl methacrylate	EPA 8260D	
Amines		
1,2-Diphenylhydrazine	EPA 625.1	
	EPA 8270D	
2-Nitroaniline	EPA 8270D	
3-Nitroaniline	EPA 8270D	
4-Chloroaniline	EPA 8270D	
4-Nitroaniline	EPA 8270D	
Carbazole	EPA 625.1	
	EPA 8270D	
Propionitrile	EPA 8260D	
Pyridine	EPA 8270D	
Benzidines		
3,3'-Dichlorobenzidine	EPA 625.1	
	EPA 8270D	
Benzidine	EPA 625.1	
Chlorinated Hydrocarbon Pesticide	es	
4,4'-DDD	EPA 8081B	
	EPA 608.3	
4,4'-DDE	EPA 8081B	
	EPA 608.3	
4,4'-DDT	EPA 8081B	
	EPA 608.3	

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#### Chlorinated Hydrocarbon Pesticides

•	
Aldrin	EPA 8081B
	EPA 608.3
alpha-BHC	EPA 8081B
	EPA 608.3
alpha-Chlordane	EPA 8081B
	EPA 608.3
beta-BHC	EPA 8081B
	EPA 608.3
Chlordane Total	EPA 8081B
	EPA 608.3
delta-BHC	EPA 8081B
	EPA 608.3
Dieldrin	EPA 8081B
	EPA 608.3
Endosulfan I	EPA 8081B
	EPA 608.3
Endosulfan II	EPA 8081B
	EPA 608.3
Endosulfan sulfate	EPA 8081B
	EPA 608.3
Endrin	EPA 8081B
	EPA 608.3
Endrin aldehyde	EPA 8081B
	EPA 608.3
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
	EPA 608.3

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#### Chlorinated Hydrocarbon Pesticides

•		
Heptachlor	EPA 8081B	
	EPA 608.3	
Heptachlor epoxide	EPA 8081B	
	EPA 608.3	
Lindane	EPA 8081B	
	EPA 608.3	
Methoxychlor	EPA 8081B	
	EPA 608.3	
Toxaphene	EPA 8081B	
	EPA 608.3	
Chlorinated Hydrocarbons		
1,2,3-Trichlorobenzene	EPA 8260D	
1,2,4,5-Tetrachlorobenzene	EPA 8270D	
1,2,4-Trichlorobenzene	EPA 625.1	
	EPA 8270D	
2-Chloronaphthalene	EPA 625.1	
·	EPA 8270D	
Hexachlorobenzene	EPA 625.1	
	EPA 8270D	
Hexachlorobutadiene	EPA 625.1	
	EPA 8270D	
Hexachlorocyclopentadiene	EPA 625.1	
	EPA 8270D	
Hexachloroethane	EPA 625.1	
	EPA 8270D	

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#### **Chlorophenoxy Acid Pesticides**

EPA 8151A	
EPA 8151A	
SM 5210B-2016	
Hach 8000 (1979)	
EPA 410.4, Rev. 2.0 (1993)	
EPA 8015D	
EPA 8260D	
EPA 624.1	
EPA 625.1	
EPA 8270D	
EPA 625.1	
EPA 8270D	
EPA 625.1	
EPA 8270D	
EPA 625.1	
	EPA 8151A EPA 8151A EPA 8151A EPA 8151A EPA 8151A EPA 8151A EPA 8151A EPA 8151A EPA 8151A SM 5210B-2016 Hach 8000 (1979) EPA 410.4, Rev. 2.0 (1993) EPA 410.4, Rev. 2.0 (1993) EPA 625.1 EPA 625.1 EPA 625.1 EPA 8270D EPA 625.1 EPA 8270D EPA 625.1 EPA 8270D EPA 625.1 EPA 8270D

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#### Haloethers

Bis(2-chloroethyl)ether	EPA 625.1
	EPA 8270D

#### Low Level Polynuclear Aromatics

Acenaphthene Low Level	EPA 8270D SIM	
Acenaphthylene Low Level	EPA 8270D SIM	
Anthracene Low Level	EPA 8270D SIM	
Benzo(a)anthracene Low Level	EPA 8270D SIM	
Benzo(a)pyrene Low Level	EPA 8270D SIM	
Benzo(b)fluoranthene Low Level	EPA 8270D SIM	
Benzo(g,h,i)perylene Low Level	EPA 8270D SIM	
Benzo(k)fluoranthene Low Level	EPA 8270D SIM	
Chrysene Low Level	EPA 8270D SIM	
Dibenzo(a,h)anthracene Low Level	EPA 8270D SIM	
Fluoranthene Low Level	EPA 8270D SIM	
Fluorene Low Level	EPA 8270D SIM	
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D SIM	
Naphthalene Low Level	EPA 8270D SIM	
Phenanthrene Low Level	EPA 8270D SIM	
Pyrene Low Level	EPA 8270D SIM	
Metals I		
Barium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Cadmium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	

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#### Metals I

Cadmium, Total	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Calcium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
Chromium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Copper, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Iron, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
Lead, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
Manganese, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Nickel, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	

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#### Metals I

Nickel, Total	EPA 200.8, Rev. 5.4 (1994)
Potassium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
Silver, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Sodium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
Metals II	
Aluminum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
Antimony, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Beryllium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	SM 3500-Cr B-2011
Mercury, Total	EPA 245.1, Rev. 3.0 (1994)
	EPA 7470A
Selenium, Total	EPA 200.7, Rev. 4.4 (1994)

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#### Metals II

Selenium, Total	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Metals III		
Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Molybdenum, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
	EPA 6020A	
	EPA 200.8, Rev. 5.4 (1994)	
Tin, Total	EPA 200.7, Rev. 4.4 (1994)	
	EPA 6010C	
Mineral		
Chloride	EPA 300.0, Rev. 2.1 (1993)	

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#### Mineral

Chloride	SM 4500-CI- E-2011
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
	SM 4500-F- C-2011
Sulfate (as SO4)	EPA 300.0, Rev. 2.1 (1993)

#### Miscellaneous

Boron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
Bromide	EPA 300.0, Rev. 2.1 (1993)
	EPA 9056A
Cyanide, Total	EPA 9014
	SM 4500-CN E-2016
non-Polar Extractable Material (TPH)	EPA 1664A
Oil and Grease Total Recoverable	EPA 1664A
Organic Carbon, Total	SM 5310C-2014
Phenols	EPA 420.1 (Rev. 1978)
Sulfide (as S)	SM 4500-S2- F-2011
Surfactant (MBAS)	SM 5540C-2011

#### Nitroaromatics and Isophorone

1,3,5-Trinitrobenzene	EPA 8330B
1,3-Dinitrobenzene	EPA 8270D
1,4-Naphthoquinone	EPA 8270D
2,4-Dinitrotoluene	EPA 625.1
	EPA 8270D
2,6-Dinitrotoluene	EPA 625.1
	EPA 8270D
4-Nitroquinoline-1-oxide	EPA 8270D

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EPA 8270D

NY Lab Id No: 10861

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#### **Nitroaromatics and Isophorone**

Isophorone	EPA 625.1
	EPA 8270D
Nitrobenzene	EPA 625.1

Nitrosoamines	

N-Nitrosodi-n-propylamine	EPA 625.1
	EPA 8270D

Ammonia (as N)	EPA 350.1, Rev. 2.0 (1993)
Kjeldahl Nitrogen, Total	EPA 351.2, Rev. 2.0 (1993)
Nitrate (as N)	EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P)	SM 4500-P E-2011
Phosphorus, Total	EPA 365.4 (Issued 1974)

#### **Phthalate Esters**

Benzyl butyl phthalate	EPA 625.1
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 625.1
	EPA 8270D
Diethyl phthalate	EPA 625.1
	EPA 8270D
Dimethyl phthalate	EPA 625.1
	EPA 8270D
Di-n-butyl phthalate	EPA 625.1
	EPA 8270D
Di-n-octyl phthalate	EPA 625.1
	EPA 8270D

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#### **Polychlorinated Biphenyls**

Aroclor 1016 (PCB-1016)	EPA 8082A	
	EPA 608.3	
Aroclor 1221 (PCB-1221)	EPA 8082A	
	EPA 608.3	
Aroclor 1232 (PCB-1232)	EPA 8082A	
	EPA 608.3	
Aroclor 1242 (PCB-1242)	EPA 8082A	
	EPA 608.3	
Aroclor 1248 (PCB-1248)	EPA 8082A	
	EPA 608.3	
Aroclor 1254 (PCB-1254)	EPA 8082A	
	EPA 608.3	
Aroclor 1260 (PCB-1260)	EPA 8082A	
	EPA 608.3	
Aroclor 1262 (PCB-1262)	EPA 8082A	
Aroclor 1268 (PCB-1268)	EPA 8082A	
Polynuclear Aromatics		
Acenaphthene	EPA 625.1	
	EPA 8270D	
Acenaphthylene	EPA 625.1	
	EPA 8270D	
Anthracene	EPA 625.1	
	EPA 8270D	
Benzo(a)anthracene	EPA 625.1	
	EPA 8270D	
Benzo(a)pyrene	EPA 625.1	
	EPA 8270D	

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#### **Polynuclear Aromatics**

Benzo(b)fluoranthene	EPA 625.1
	EPA 8270D
Benzo(g,h,i)perylene	EPA 625.1
	EPA 8270D
Benzo(k)fluoranthene	EPA 625.1
	EPA 8270D
Chrysene	EPA 625.1
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 625.1
	EPA 8270D
Fluoranthene	EPA 625.1
	EPA 8270D
Fluorene	EPA 625.1
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 625.1
	EPA 8270D
Naphthalene	EPA 625.1
	EPA 8270D
Phenanthrene	EPA 625.1
	EPA 8270D
Pyrene	EPA 625.1
	EPA 8270D
Priority Pollutant Phenols	
2,4,5-Trichlorophenol	EPA 625.1
	EPA 8270D
2,4,6-Trichlorophenol	EPA 625.1
	EPA 8270D

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#### **Priority Pollutant Phenols**

2,4-Dichlorophenol	EPA 625.1
	EPA 8270D
2,4-Dimethylphenol	EPA 625.1
	EPA 8270D
2,4-Dinitrophenol	EPA 625.1
	EPA 8270D
2-Chlorophenol	EPA 625.1
	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 625.1
	EPA 8270D
2-Methylphenol	EPA 625.1
	EPA 8270D
2-Nitrophenol	EPA 625.1
	EPA 8270D
3-Methylphenol	EPA 625.1
	EPA 8270D
4-Chloro-3-methylphenol	EPA 625.1
	EPA 8270D
4-Methylphenol	EPA 625.1
	EPA 8270D
4-Nitrophenol	EPA 625.1
	EPA 8270D
Pentachlorophenol	EPA 625.1
	EPA 8270D
Phenol	EPA 625.1
	EPA 8270D

Department of Health

# Serial No.: 68598





Expires 12:01 AM April 01, 2025 Issued April 01, 2024

# CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ANTHONY D. CANTER MICROBAC LABORATORIES, INC. - MARIETTA DIVISION 158 STARLITE DRIVE MARIETTA, OH 45750 NY Lab Id No: 10861

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER All approved analytes are listed below:

#### Residue

Solids, Total Dissolved	SM 2540 C-2015	
Semi-Volatile Organics		
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D	
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D	
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D	
2-Picoline	EPA 8270D	
Acetophenone	EPA 8270D	
Benzyl alcohol	EPA 8270D	
Dibenzofuran	EPA 8270D	
Volatile Aromatics		
1,2,4-Trichlorobenzene, Volatile	EPA 8260D	
1,2,4-Trimethylbenzene	EPA 8260D	
1,2-Dichlorobenzene	EPA 8260D	
	EPA 624.1	
1,3,5-Trimethylbenzene	EPA 8260D	
1,3-Dichlorobenzene	EPA 8260D	
	EPA 624.1	
1,4-Dichlorobenzene	EPA 8260D	
	EPA 624.1	
2-Chlorotoluene	EPA 8260D	
4-Chlorotoluene	EPA 8260D	
Benzene	EPA 8260D	
	EPA 624.1	
Bromobenzene	EPA 8260D	
Chlorobenzene	EPA 8260D	
	EPA 624.1	

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NY Lab Id No: 10861

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#### **Volatile Aromatics**

Ethyl benzene	EPA 8260D	
	EPA 624.1	
Isopropylbenzene	EPA 8260D	
m/p-Xylenes	EPA 8260D	
	EPA 624.1	
Naphthalene, Volatile	EPA 8260D	
	EPA 624.1	
n-Butylbenzene	EPA 8260D	
n-Propylbenzene	EPA 8260D	
o-Xylene	EPA 8260D	
	EPA 624.1	
p-Isopropyltoluene (P-Cymene)	EPA 8260D	
sec-Butylbenzene	EPA 8260D	
Styrene	EPA 8260D	
	EPA 624.1	
tert-Butylbenzene	EPA 8260D	
Toluene	EPA 8260D	
	EPA 624.1	
Total Xylenes	EPA 8260D	
	EPA 624.1	
Volatile Halocarbons		
1,1,1,2-Tetrachloroethane	EPA 8260D	
1,1,1-Trichloroethane	EPA 8260D	
	EPA 624.1	
1,1,2,2-Tetrachloroethane	EPA 8260D	
	EPA 624.1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D	

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#### Volatile Halocarbons

EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 8260D	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 8260D	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
EPA 8260D	
EPA 624.1	
	EPA 624.1 EPA 8260D EPA 624.1 EPA 8260D EPA 8260D EPA 8260D EPA 8260D EPA 624.1 EPA 8260D EPA 624.1 EPA 8260D EPA 8260D EPA 8260D EPA 624.1 EPA 8260D EPA 8260D EPA 8260D EPA 624.1 EPA 8260D

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#### **Volatile Halocarbons**

Chloroform	EPA 8260D	
	EPA 624.1	
Chloromethane	EPA 8260D	
	EPA 624.1	
cis-1,2-Dichloroethene	EPA 8260D	
	EPA 624.1	
cis-1,3-Dichloropropene	EPA 8260D	
	EPA 624.1	
Dibromochloromethane	EPA 8260D	
	EPA 624.1	
Dibromomethane	EPA 8260D	
Dichlorodifluoromethane	EPA 8260D	
	EPA 624.1	
Hexachlorobutadiene, Volatile	EPA 8260D	
Methylene chloride	EPA 8260D	
	EPA 624.1	
Tetrachloroethene	EPA 8260D	
	EPA 624.1	
trans-1,2-Dichloroethene	EPA 8260D	
	EPA 624.1	
trans-1,3-Dichloropropene	EPA 8260D	
	EPA 624.1	
Trichloroethene	EPA 8260D	
	EPA 624.1	
Trichlorofluoromethane	EPA 8260D	
	EPA 624.1	
Vinyl chloride	EPA 8260D	

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#### **Volatile Halocarbons**

Vinyl chloride	EPA 624.1	
Volatiles Organics		
1,4-Dioxane	EPA 8270D	
2-Butanone (Methylethyl ketone)	EPA 8260D	
2-Hexanone	EPA 8260D	
4-Methyl-2-Pentanone	EPA 8260D	
	EPA 624.1	
Acetone	EPA 8260D	
	EPA 624.1	
Acetonitrile	EPA 8260D	
	EPA 624.1	
Carbon Disulfide	EPA 8260D	
Cyclohexane	EPA 8260D	
Ethylene Glycol	EPA 8015D	
	EPA 8015C	
Methanol	EPA 8015D	
Propylene Glycol	EPA 8015D	
	EPA 8015C	
Vinyl acetate	EPA 8260D	
	EPA 624.1	
Sample Preparation Methods		
	EPA 5030C	
	SM 4500-CN B-2016 and C-2016	

TO THINK SOL

# Serial No.: 68598

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/, by phone (518) 485-5570 or by email to elap@health.ny.gov.

EPA 3015A EPA 3510C EPA 3520C



Expires 12:01 AM April 01, 2025 Issued March 06, 2025

# CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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*is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER All approved subcategories and/or analytes are listed below:* 

#### Perfluorinated Alkyl Acids

-	
11CI-PF3OUdS	EPA 1633 (Draft)
4:2FTS	EPA 1633 (Draft)
6:2FTS	EPA 1633 (Draft)
8:2FTS	EPA 1633 (Draft)
9CI-PF3ONS	EPA 1633 (Draft)
ADONA	EPA 1633 (Draft)
HFPO-DA (GenX)	EPA 1633 (Draft)
NEtFOSAA	EPA 1633 (Draft)
NMeFOSAA	EPA 1633 (Draft)
Nonafluoro-3,6-Dioxaheptanoic Acid	EPA 1633 (Draft)
Perflourotridecanoic Acid (PFTrDA)	EPA 1633 (Draft)
Perfluordecanoic Acid (PFDA)	EPA 1633 (Draft)
Perfluoro-3-Methoxypropanoic Acid	EPA 1633 (Draft)
Perfluoro-4-Methoxybutanoic Acid	EPA 1633 (Draft)
Perfluorobutanesulfonic Acid (PFBS)	EPA 1633 (Draft)
Perfluorobutanoic Acid (PFBA)	EPA 1633 (Draft)
Perfluorododecanoic Acid (PFDoA)	EPA 1633 (Draft)
Perfluoroheptanesulfonic Acid (PFHpS	EPA 1633 (Draft)
Perfluoroheptanoic Acid (PFHpA)	EPA 1633 (Draft)
Perfluorohexanesulfonic Acid (PFHxS	EPA 1633 (Draft)
Perfluorohexanoic Acid (PFHxA)	EPA 1633 (Draft)
Perfluorononanoic Acid (PFNA)	EPA 1633 (Draft)
Perfluorooctanesulfonic Acid (PFOS)	EPA 1633 (Draft)
Perfluorooctanoic Acid (PFOA)	EPA 1633 (Draft)
Perfluoropentanesulfonic Acid (PFPeS	EPA 1633 (Draft)
Perfluoropentanoic Acid (PFPeA)	EPA 1633 (Draft)
Perfluorotetradecanoic Acid (PFTA)	EPA 1633 (Draft)

Department of Health

# Serial No.: 70042



Expires 12:01 AM April 01, 2025 Issued March 06, 2025

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#### Perfluorinated Alkyl Acids

Perfluoroundecanoic Acid (PFUnA)	EPA 1633 (Draft)
PFEESA	EPA 1633 (Draft)



# Serial No.: 70042



Expires 12:01 AM April 01, 2025 Issued April 01, 2024

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#### Acrylates

Acrolein (Propenal)	EPA 8260D	
Acrylonitrile	EPA 8260D	
Amines		
1,2-Diphenylhydrazine	EPA 8270D	
2-Nitroaniline	EPA 8270D	
3-Nitroaniline	EPA 8270D	
4-Chloroaniline	EPA 8270D	
4-Nitroaniline	EPA 8270D	
Aniline	EPA 8270D	
Carbazole	EPA 8270D	
Diphenylamine	EPA 8270D	
Benzidines		
3,3'-Dichlorobenzidine	EPA 8270D	
Benzidine	EPA 8270D	
Characteristic Testing		
Corrosivity (pH)	EPA 9040C	
	EPA 9045D	
Free Liquids	EPA 9095B	
Ignitability	EPA 1030	
	EPA 1010A	
TCLP	EPA 1311	
Chlorinated Hydrocarbon Pe	esticides	
4,4'-DDD	EPA 8081B	
4,4'-DDE	EPA 8081B	
4,4'-DDT	EPA 8081B	

 4,4'-DDE
 EPA 8081B

 4,4'-DDT
 EPA 8081B

 Aldrin
 EPA 8081B

# Serial No.: 68599





Expires 12:01 AM April 01, 2025 Issued April 01, 2024

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#### Chlorinated Hydrocarbon Pesticides

_	
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B
Atrazine	EPA 8270D
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
Chlorobenzilate	EPA 8270D
delta-BHC	EPA 8081B
Diallate	EPA 8270D
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B
Endrin aldehyde	EPA 8081B
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Isodrin	EPA 8270D
Kepone	EPA 8270D
Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Pentachloronitrobenzene	EPA 8270D
Toxaphene	EPA 8081B
Chlorinated Hydrocarbons	
1,2,3-Trichlorobenzene	EPA 8260D
1,2,4-Trichlorobenzene	EPA 8270D

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#### **Chlorinated Hydrocarbons**

2-Chloronaphthalene	EPA 8270D
Hexachlorobenzene	EPA 8270D
Hexachlorobutadiene	EPA 8270D
Hexachlorocyclopentadiene	EPA 8270D
Hexachloroethane	EPA 8270D

#### Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 8270D	
4-Bromophenylphenyl ether	EPA 8270D	
4-Chlorophenylphenyl ether	EPA 8270D	
Bis(2-chloroethoxy)methane	EPA 8270D	
Bis(2-chloroethyl)ether	EPA 8270D	
Metals I		
Barium, Total	EPA 6010C	
	EPA 6020A	
Cadmium, Total	EPA 6010C	
	EPA 6020A	
Calcium, Total	EPA 6010C	
Chromium, Total	EPA 6010C	
	EPA 6020A	
Copper, Total	EPA 6010C	
	EPA 6020A	
Iron, Total	EPA 6010C	
Lead, Total	EPA 6010C	
	EPA 6020A	
Magnesium, Total	EPA 6010C	
Manganese, Total	EPA 6010C	

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#### Metals I

Manganese, Total	EPA 6020A
Nickel, Total	EPA 6010C
	EPA 6020A
Potassium, Total	EPA 6010C
Silver, Total	EPA 6010C
	EPA 6020A
Sodium, Total	EPA 6010C
Metals II	
Aluminum, Total	EPA 6010C
Antimony, Total	EPA 6010C
	EPA 6020A
Arsenic, Total	EPA 6010C
	EPA 6020A
Beryllium, Total	EPA 6010C
Chromium VI	EPA 7196A
Mercury, Total	EPA 7471B
Selenium, Total	EPA 6010C
	EPA 6020A
Vanadium, Total	EPA 6010C
	EPA 6020A
Zinc, Total	EPA 6010C
	EPA 6020A
Metals III	
Cobalt, Total	EPA 6010C
	EPA 6020A
Molybdenum, Total	EPA 6010C

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Metals III	
------------	--

Metals III		
Thallium, Total	EPA 6010C	
	EPA 6020A	
Tin, Total	EPA 6010C	
Minerals		
Bromide	EPA 9056A	
Chloride	EPA 9056A	
Fluoride, Total	EPA 9056A	
Sulfate (as SO4)	EPA 9056A	
Miscellaneous		
Boron, Total	EPA 6010C	
Cyanide, Total	EPA 9014	
Nitroaromatics and Isophorone		
2,4-Dinitrotoluene	EPA 8270D	
2,6-Dinitrotoluene	EPA 8270D	
Isophorone	EPA 8270D	
Nitrobenzene	EPA 8270D	
Pyridine	EPA 8270D	
Nitrosoamines		
N-Nitrosodi-n-propylamine	EPA 8270D	
N-nitrosomethylethylamine	EPA 8270D	
Nutrients		
Nitrate (as N)	EPA 9056A	
Nitrite (as N)	EPA 9056A	
Petroleum Hydrocarbons		
Oil and Grease Total Recoverable	EPA 9071B (Solvent:Hexane)	



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#### **Phthalate Esters**

Benzyl butyl phthalate	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270D
Diethyl phthalate	EPA 8270D
Dimethyl phthalate	EPA 8270D
Di-n-butyl phthalate	EPA 8270D
Di-n-octyl phthalate	EPA 8270D

#### **Polychlorinated Biphenyls**

Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 8082A
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 8082A
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 8082A
Aroclor 1260 (PCB-1260)	EPA 8082A
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

#### Polynuclear Aromatic Hydrocarbons

Acenaphthene	EPA 8270D
Acenaphthylene	EPA 8270D
Anthracene	EPA 8270D
Benzo(a)anthracene	EPA 8270D
Benzo(a)pyrene	EPA 8270D
Benzo(b)fluoranthene	EPA 8270D
Benzo(g,h,i)perylene	EPA 8270D
Benzo(k)fluoranthene	EPA 8270D
Chrysene	EPA 8270D

Department of Health

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#### Polynuclear Aromatic Hydrocarbons

Dibenzo(a,h)anthracene	EPA 8270D
Fluoranthene	EPA 8270D
Fluorene	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 8270D
Naphthalene	EPA 8270D
Phenanthrene	EPA 8270D
Pyrene	EPA 8270D

#### **Priority Pollutant Phenols**

2,3,4,6 Tetrachlorophenol	EPA 8270D
2,4,5-Trichlorophenol	EPA 8270D
2,4,6-Trichlorophenol	EPA 8270D
2,4-Dichlorophenol	EPA 8270D
2,4-Dimethylphenol	EPA 8270D
2,4-Dinitrophenol	EPA 8270D
2-Chlorophenol	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 8270D
2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 8270D
3-Methylphenol	EPA 8270D
4-Chloro-3-methylphenol	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 8270D
Pentachlorophenol	EPA 8270D
Phenol	EPA 8270D

# Department of Health

### Semi-Volatile Organics

1,2-Dichlorobenzene, Semi-volatile EPA 8270D

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#### **Semi-Volatile Organics**

1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D
Benzyl alcohol	EPA 8270D
Dibenzofuran	EPA 8270D
O,O,O-Triethyl phosphorothioate	EPA 8270D

#### **Volatile Aromatics**

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
1,2,4-Trimethylbenzene	EPA 8260D
1,2-Dichlorobenzene	EPA 8260D
1,3,5-Trimethylbenzene	EPA 8260D
1,3-Dichlorobenzene	EPA 8260D
1,4-Dichlorobenzene	EPA 8260D
2-Chlorotoluene	EPA 8260D
4-Chlorotoluene	EPA 8260D
Benzene	EPA 8260D
Bromobenzene	EPA 8260D
Chlorobenzene	EPA 8260D
Ethyl benzene	EPA 8260D
Isopropylbenzene	EPA 8260D
m/p-Xylenes	EPA 8260D
Naphthalene, Volatile	EPA 8260D
n-Butylbenzene	EPA 8260D
n-Propylbenzene	EPA 8260D
o-Xylene	EPA 8260D
p-Isopropyltoluene (P-Cymene)	EPA 8260D
sec-Butylbenzene	EPA 8260D

of Health

# Serial No.: 68599





Expires 12:01 AM April 01, 2025 Issued April 01, 2024

# CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ANTHONY D. CANTER MICROBAC LABORATORIES, INC. - MARIETTA DIVISION 158 STARLITE DRIVE MARIETTA, OH 45750 NY Lab Id No: 10861

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

#### **Volatile Aromatics**

Styrene	EPA 8260D
tert-Butylbenzene	EPA 8260D
Toluene	EPA 8260D
Total Xylenes	EPA 8260D

#### Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
1,1,1-Trichloroethane	EPA 8260D
1,1,2,2-Tetrachloroethane	EPA 8260D
1,1,2-Trichloroethane	EPA 8260D
1,1-Dichloroethane	EPA 8260D
1,1-Dichloroethene	EPA 8260D
1,1-Dichloropropene	EPA 8260D
1,2,3-Trichloropropane	EPA 8260D
1,2-Dibromo-3-chloropropane	EPA 8260D
1,2-Dibromoethane	EPA 8260D
1,2-Dichloroethane	EPA 8260D
1,2-Dichloropropane	EPA 8260D
1,3-Dichloropropane	EPA 8260D
2,2-Dichloropropane	EPA 8260D
2-Chloro-1,3-butadiene (Chloroprene)	EPA 8260D
2-Chloroethylvinyl ether	EPA 8260D
Bromochloromethane	EPA 8260D
Bromodichloromethane	EPA 8260D
Bromoform	EPA 8260D
Bromomethane	EPA 8260D
Carbon tetrachloride	EPA 8260D
Chloroform	EPA 8260D

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#### **Volatile Halocarbons**

Chloromethane	EPA 8260D
cis-1,2-Dichloroethene	EPA 8260D
cis-1,3-Dichloropropene	EPA 8260D
Dibromochloromethane	EPA 8260D
Dibromomethane	EPA 8260D
Dichlorodifluoromethane	EPA 8260D
Hexachlorobutadiene, Volatile	EPA 8260D
Methylene chloride	EPA 8260D
Tetrachloroethene	EPA 8260D
trans-1,2-Dichloroethene	EPA 8260D
trans-1,3-Dichloropropene	EPA 8260D
Trichloroethene	EPA 8260D
Trichlorofluoromethane	EPA 8260D
Vinyl chloride	EPA 8260D
Volatile Organics	
2-Butanone (Methylethyl ketone)	EPA 8260D

2-Hexanone	EPA 8260D
4-Methyl-2-Pentanone	EPA 8260D
Acetone	EPA 8260D
Carbon Disulfide	EPA 8260D
Cyclohexane	EPA 8260D
Di-ethyl ether	EPA 8260D
Ethylene Glycol	EPA 8015D
Methyl tert-butyl ether	EPA 8260D
Propionitrile	EPA 8260D

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#### **Sample Preparation Methods**

EPA 5035A-L EPA 5035A-H EPA 3580A EPA 9030B EPA 3005A EPA 3550C EPA 3546 EPA 3545A EPA 3051A EPA 9010C

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