



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that



E87856

BATTELLE ANALYTICAL CHEMISTRY SERVICES LABORATORY
141 LONGWATER DRIVE, SUITE 202
NORWELL, MA 02061

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, BIOLOGICAL TISSUE - EXTRACTABLE ORGANICS, BIOLOGICAL TISSUE - PESTICIDES-HERBICIDES-PCB'S

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: January 14, 2019 Expiration Date: June 30, 2019



A blue ink signature of Patty A. Lewandowski.

Patty A. Lewandowski, MBA, MT(ASCP)
Chief Bureau of Public Health Laboratories
DH Form 1697, 7/04

NON-TRANSFERABLE E87856-29-01/14/2019
Supersedes all previously issued certificates

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Ron DeSantis
Governor

Vision: To be the **Healthiest State** in the Nation

January 14, 2019
I. D. #: E87856

Battelle Analytical Chemistry Services Laboratory
141 Longwater Drive, Suite 202
Norwell, MA 02061

Dear Laboratory Director:

Based on the authority mandated by sections 381.00591, 403.0625 and 403.863 Florida Statutes and chapter 64E-1 Florida Administrative Code (FAC), I hereby declare that

Battelle Analytical Chemistry Services Laboratory

is granted additional certification to perform analyses for the following Fields of Accreditation on environmental samples:

Drinking Water

11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-CI-PF3OUdS)	EPA 537.1
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-CI-PF3ONS)	EPA 537.1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	EPA 537.1
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	EPA 537.1
Perfluorododecanoate (PFDoA, perfluorododecanoic acid)	EPA 537.1
Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)	EPA 537.1
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537.1
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	EPA 537.1
Perfluorononanoate (PFNA, perfluorononanoic acid)	EPA 537.1
Perfluorooctane sulfonic acid (PFOS)	EPA 537.1
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537.1
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	EPA 537.1
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	EPA 537.1
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	EPA 537.1

Certification in this case specifies that the above named laboratory has met the minimum requirements for a certified laboratory as set forth in section 64E-1.102 FAC.

This certification is effective as of November 29, 2018 and shall be in effect until June 30, 2019 or until revoked by the Florida Department of Health.

The Application for Certification of Environmental Testing Laboratories received October 17, 2018 is now complete. Any requests for additional Fields of Accreditation will require an additional application with application fee and on-site assessment.

If we can be of any further assistance, feel free to call Milagros M. Maiz at (904) 791-1588 or the certification program office at (904) 791-1599.

Sincerely,



Vanessa Soto Contreras
Program Administrator
Environmental Laboratory Certification Program

VSC\mmm

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorododecanoate (PFDoA, perfluorododecanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorododecanoate (PFDoA, perfluorododecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorononanoate (PFNA, perfluorononanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorononanoate (PFNA, perfluorononanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorooctane sulfonate (PFOS)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorooctane sulfonic acid (PFOS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluoropentansulfonate (PFPeS, Perfluoro-1-pentansulfonate)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 1/14/2019**Expiration Date: 6/30/2019**



Laboratory Scope of Accreditation

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**

EPA Lab Code: **MA00056**

(781) 681-5400

E87856

Battelle Analytical Chemistry Services Laboratory

141 Longwater Drive, Suite 202

Norwell, MA 02061

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	BNO 5-371/LC-MS-MS	Group III Unregulated Contaminants	NELAP	4/11/2018
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	11/29/2018

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,4-Dichlorobenzene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
1H, 1H, 2H, 2H-Perfluorodecane Sulfonate (8:2 Fluorotelomersulfonate, 8:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1H, 1H, 2H, 2H-Perfluorohexane Sulfonate (4:2 Fluorotelomersulfonate 4:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1H, 1H, 2H, 2H-Perfluorooctane Sulfonate (6:2 Fluorotelomersulfonate, 6:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1-Methylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
1-Methylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,5',6'-Octachlorobiphenyl (BZ 194)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ 207)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',6'-Octachlorobiphenyl (BZ 197)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ 171)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ 208)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ 198)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ 199)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ 172)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ 200)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (BZ 201)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ 173)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ 174)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ 175)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ 177)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5-Hexachlorobiphenyl (BZ 129)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ 130)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ 176)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,6-Hexachlorobiphenyl (BZ 131)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2',3,3',4-Pentachlorobiphenyl (BZ 82)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ 202)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ 178)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ 179)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6-Hexachlorobiphenyl (BZ 134)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ 135)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5-Pentachlorobiphenyl (BZ 83)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ 136)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',6-Pentachlorobiphenyl (BZ 84)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3'-Tetrachlorobiphenyl (BZ 40)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ 203)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5-Hexachlorobiphenyl (BZ 137)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6-Hexachlorobiphenyl (BZ 139)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ 140)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4'-Pentachlorobiphenyl (BZ 85)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ 185)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ 141)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5'-Hexachlorobiphenyl (BZ 146)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ 188)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5',6-Hexachlorobiphenyl (BZ 144)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5',6-Hexachlorobiphenyl (BZ 149)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5'-Pentachlorobiphenyl (BZ 97)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',6-Pentachlorobiphenyl (BZ 91)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4-Tetrachlorobiphenyl (BZ 41)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2',3,4'-Tetrachlorobiphenyl (BZ 42)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5,5',6'-Hexachlorobiphenyl (BZ 151)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5,5'-Pentachlorobiphenyl (BZ 92)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5',6'-Pentachlorobiphenyl (BZ 95)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5-Tetrachlorobiphenyl (BZ 43)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,6-Tetrachlorobiphenyl (BZ 45)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,6'-Tetrachlorobiphenyl (BZ 46)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3-Trichlorobiphenyl (BZ 16)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ 154)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5-Pentachlorobiphenyl (BZ 99)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ 155)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',6-Pentachlorobiphenyl (BZ 100)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	6/21/2010
2,2',4,4'-Tetrachlorobiphenyl (BZ 47)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5-Tetrachlorobiphenyl (BZ 48)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6,6'-Pentachlorobiphenyl (BZ 104)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6-Tetrachlorobiphenyl (BZ 50)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6'-Tetrachlorobiphenyl (BZ 51)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4-Trichlorobiphenyl (BZ 17)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,6'-Tetrachlorobiphenyl (BZ 53)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5-Trichlorobiphenyl (BZ 18)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5-Trichlorobiphenyl (BZ 18)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',6,6'-Tetrachlorobiphenyl (BZ 54)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',6-Trichlorobiphenyl (BZ 19)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2'-Dichlorobiphenyl (BZ 4)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ 205)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ 190)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ 191)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',6-Hexachlorobiphenyl (BZ 158)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ 193)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5,6-Hexachlorobiphenyl (BZ 163)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5',6-Hexachlorobiphenyl (BZ 164)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4'-Tetrachlorobiphenyl (BZ 56)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',5,6-Hexachlorobiphenyl (BZ 166)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',6-Pentachlorobiphenyl (BZ 115)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4'-Tetrachlorobiphenyl (BZ 60)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5,5'-Pentachlorobiphenyl (BZ 124)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5',6-Pentachlorobiphenyl (BZ 125)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4',5-Tetrachlorobiphenyl (BZ 63)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,5-Tetrachlorobiphenyl (BZ 67)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5-Tetrachlorobiphenyl (BZ 70)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4',6-Tetrachlorobiphenyl (BZ 64)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',6-Tetrachlorobiphenyl (BZ 71)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4'-Trichlorobiphenyl (BZ 22)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4-Trichlorobiphenyl (BZ 25)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4'-Trichlorobiphenyl (BZ 33)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',5-Trichlorobiphenyl (BZ 26)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,5-Trimethylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2,3,6-Trichlorobiphenyl (BZ 24)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,3',6-Trichlorobiphenyl (BZ 27)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3-Dichlorobiphenyl (BZ 5)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3'-Dichlorobiphenyl (BZ 6)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4',5-Tetrachlorobiphenyl (BZ 74)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4',6-Tetrachlorobiphenyl (BZ 75)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4'-Trichlorobiphenyl (BZ 28)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4'-Trichlorobiphenyl (BZ 28)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,5-Trichlorobiphenyl (BZ 29)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4',5-Trichlorobiphenyl (BZ 31)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,6-Trichlorobiphenyl (BZ 30)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4',6-Trichlorobiphenyl (BZ 32)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDD	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDD	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDE	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDE	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDT	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDT	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4-Dichlorobiphenyl (BZ 7)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-Dichlorobiphenyl (BZ 8)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-Dichlorobiphenyl (BZ 8)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,5-Dichlorobiphenyl (BZ 9)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,6-Dimethylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Chlorobiphenyl (BZ 1)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2-Chloronaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Methylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Methylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,5,5'-Pentachlorobiphenyl (BZ 127)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',5,5'-Tetrachlorobiphenyl (BZ 80)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3'-Dichlorobiphenyl (BZ 11)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4,4',5-Tetrachlorobiphenyl (BZ 81)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3,4,4'-Trichlorobiphenyl (BZ 37)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4-Dichlorobiphenyl (BZ 12)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4'-Dichlorobiphenyl (BZ 13)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,6-Dimethylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
4,4'-DDD	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-DDE	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-DDT	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-Dichlorobiphenyl (BZ 15)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4-Chlorobiphenyl (BZ 3)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Acenaphthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Acenaphthylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Aldrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
alpha-BHC (alpha-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
alpha-Chlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(a)anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(a)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(b)fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(b)thiophene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(e)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(g,h,i)perylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(k)fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
beta-BHC (beta-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Biphenyl	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Biphenyl	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Chlorpyrifos	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Chrysene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
cis-Decalin	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
cis-Nonachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Decachlorobiphenyl (BZ 209)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Decachlorobiphenyl (BZ 209)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
delta-BHC	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Dibenz(a,h)anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dibenzofuran	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dibenzothiophene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dieldrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Endosulfan I	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endosulfan II	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endosulfan sulfate	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin aldehyde	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin ketone	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Fluorene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
gamma-Chlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Heptachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Heptachlor epoxide	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Hexachlorobenzene	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Indeno(1,2,3-cd)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Methoxychlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Mirex	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Naphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
n-Decane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Docosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Dodecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Dotriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Eicosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heneicosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hentriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heptacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heptadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heptatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hexacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hexadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hexatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Octacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Octadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Octane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Octatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Pentacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Pentadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Pentatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetracontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetracosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetradecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetratriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Triacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tricosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tridecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tritriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Undecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
Oxychlorane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorobutanoate (PFBA, perfluorobutyric acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorodecane sulfonate (PFDS, perfluorodecane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorododecanoate (PFDoA, perfluorododecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroheptanesulfonic Acid (PFHpS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorononanesulfonate (PFNS, Perfluorononane sulfonate)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorononanoate (PFNA, perfluorononanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctane sulfonate (PFOS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoropentanoate (PFPeA, perfluoropentanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoropentansulfonate (PFPeS, Perfluoro-1-pentansulfonate)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Phenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Phytane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
Pristane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
Pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Total Petroleum Hydrocarbons (TPH)	BNO 5-202/GC-FID	Extractable Organics	NELAP	6/21/2010
trans-Decalin	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
trans-Nonachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,4-Dichlorobenzene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
1H, 1H, 2H, 2H-Perfluorodecane Sulfonate (8:2 Fluorotelomersulfonate, 8:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1H, 1H, 2H, 2H-Perfluorohexane Sulfonate (4:2 Fluorotelomersulfonate 4:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1H, 1H, 2H, 2H-Perfluorooctane Sulfonate (6:2 Fluorotelomersulfonate, 6:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1-Methylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
1-Methylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ 194)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ 207)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',6'-Octachlorobiphenyl (BZ 197)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ 171)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ 208)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ 198)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ 199)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ 172)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ 200)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (BZ 201)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ 173)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ 174)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ 175)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ 177)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5-Hexachlorobiphenyl (BZ 129)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ 130)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ 176)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,6-Hexachlorobiphenyl (BZ 131)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2',3,3',4-Pentachlorobiphenyl (BZ 82)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ 202)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ 178)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ 179)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6-Hexachlorobiphenyl (BZ 134)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ 135)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5-Pentachlorobiphenyl (BZ 83)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ 136)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',6-Pentachlorobiphenyl (BZ 84)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3'-Tetrachlorobiphenyl (BZ 40)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ 203)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5-Hexachlorobiphenyl (BZ 137)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6-Hexachlorobiphenyl (BZ 139)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ 140)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4'-Pentachlorobiphenyl (BZ 85)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ 185)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ 141)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5'-Hexachlorobiphenyl (BZ 146)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ 188)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5',6-Hexachlorobiphenyl (BZ 144)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5',6-Hexachlorobiphenyl (BZ 149)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5'-Pentachlorobiphenyl (BZ 97)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',6-Pentachlorobiphenyl (BZ 91)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4-Tetrachlorobiphenyl (BZ 41)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2',3,4'-Tetrachlorobiphenyl (BZ 42)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5,5',6'-Hexachlorobiphenyl (BZ 151)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5,5'-Pentachlorobiphenyl (BZ 92)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5',6'-Pentachlorobiphenyl (BZ 95)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5-Tetrachlorobiphenyl (BZ 43)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,6-Tetrachlorobiphenyl (BZ 45)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,6'-Tetrachlorobiphenyl (BZ 46)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3-Trichlorobiphenyl (BZ 16)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ 154)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5-Pentachlorobiphenyl (BZ 99)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ 155)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',6-Pentachlorobiphenyl (BZ 100)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4'-Tetrachlorobiphenyl (BZ 47)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5-Tetrachlorobiphenyl (BZ 48)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6,6'-Pentachlorobiphenyl (BZ 104)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6-Tetrachlorobiphenyl (BZ 50)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6'-Tetrachlorobiphenyl (BZ 51)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4-Trichlorobiphenyl (BZ 17)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,6'-Tetrachlorobiphenyl (BZ 53)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5-Trichlorobiphenyl (BZ 18)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5-Trichlorobiphenyl (BZ 18)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',6,6'-Tetrachlorobiphenyl (BZ 54)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',6-Trichlorobiphenyl (BZ 19)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2'-Dichlorobiphenyl (BZ 4)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ 205)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ 190)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ 191)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',6-Hexachlorobiphenyl (BZ 158)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ 193)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5,6-Hexachlorobiphenyl (BZ 163)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5',6-Hexachlorobiphenyl (BZ 164)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4'-Tetrachlorobiphenyl (BZ 56)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',5,6-Hexachlorobiphenyl (BZ 166)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',6-Pentachlorobiphenyl (BZ 115)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4'-Tetrachlorobiphenyl (BZ 60)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5,5'-Pentachlorobiphenyl (BZ 124)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5',6-Pentachlorobiphenyl (BZ 125)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4',5-Tetrachlorobiphenyl (BZ 63)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,5-Tetrachlorobiphenyl (BZ 67)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5-Tetrachlorobiphenyl (BZ 70)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4',6-Tetrachlorobiphenyl (BZ 64)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',6-Tetrachlorobiphenyl (BZ 71)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4'-Trichlorobiphenyl (BZ 22)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4-Trichlorobiphenyl (BZ 25)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4'-Trichlorobiphenyl (BZ 33)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',5-Trichlorobiphenyl (BZ 26)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,5-Trimethylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2,3,6-Trichlorobiphenyl (BZ 24)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,3',6-Trichlorobiphenyl (BZ 27)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3-Dichlorobiphenyl (BZ 5)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3'-Dichlorobiphenyl (BZ 6)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4',5-Tetrachlorobiphenyl (BZ 74)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4',6-Tetrachlorobiphenyl (BZ 75)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4'-Trichlorobiphenyl (BZ 28)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4'-Trichlorobiphenyl (BZ 28)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,5-Trichlorobiphenyl (BZ 29)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4',5-Trichlorobiphenyl (BZ 31)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,6-Trichlorobiphenyl (BZ 30)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4',6-Trichlorobiphenyl (BZ 32)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDD	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDD	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDE	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDE	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDT	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDT	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4-Dichlorobiphenyl (BZ 7)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-Dichlorobiphenyl (BZ 8)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-Dichlorobiphenyl (BZ 8)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,5-Dichlorobiphenyl (BZ 9)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,6-Dimethylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Chlorobiphenyl (BZ 1)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2-Chloronaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Methylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Methylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,5,5'-Pentachlorobiphenyl (BZ 127)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',5,5'-Tetrachlorobiphenyl (BZ 80)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3'-Dichlorobiphenyl (BZ 11)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4,4',5-Tetrachlorobiphenyl (BZ 81)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3,4,4'-Trichlorobiphenyl (BZ 37)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4-Dichlorobiphenyl (BZ 12)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4'-Dichlorobiphenyl (BZ 13)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,6-Dimethylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
4,4'-DDD	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-DDE	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-DDT	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-Dichlorobiphenyl (BZ 15)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4-Chlorobiphenyl (BZ 3)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Acenaphthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Acenaphthylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Aldrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
alpha-BHC (alpha-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
alpha-Chlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(a)anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(a)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(b)fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(b)thiophene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(e)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(g,h,i)perylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(k)fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
beta-BHC (beta-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Biphenyl	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Biphenyl	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Chlorpyrifos	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Chrysene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
cis-Decalin	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
cis-Nonachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Decachlorobiphenyl (BZ 209)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Decachlorobiphenyl (BZ 209)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
delta-BHC	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Dibenz(a,h)anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dibenzofuran	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dibenzothiophene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dieldrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Endosulfan I	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endosulfan II	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endosulfan sulfate	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin aldehyde	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin ketone	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Fluorene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
gamma-Chlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Heptachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Heptachlor epoxide	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Hexachlorobenzene	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Indeno(1,2,3-cd)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Methoxychlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Mirex	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Naphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
n-Decane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Docosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Dodecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Dotriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Eicosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heneicosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hentriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heptacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heptadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Heptatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hexacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hexadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Hexatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Nonatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Octacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Octadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Octane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Octatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Pentacosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Pentadecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Pentatriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetracontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetracosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetradecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tetratriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Triacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tricosane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tridecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Tritriacontane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
n-Undecane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
Oxychlorane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorobutanoate (PFBA, perfluorobutyric acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorodecane sulfonate (PFDS, perfluorodecane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorododecanoate (PFDoA, perfluorododecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroheptanesulfonic Acid (PFHpS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorononanesulfonate (PFNS, Perfluorononane sulfonate)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorononanoate (PFNA, perfluorononanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctane sulfonamide (PFOSA)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctane sulfonate (PFOS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoropentanoate (PFPeA, perfluoropentanoic acid))	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoropentansulfonate (PFPeS, Perfluoro-1-pentansulfonate)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**



Laboratory Scope of Accreditation

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**

EPA Lab Code: **MA00056**

(781) 681-5400

E87856

Battelle Analytical Chemistry Services Laboratory

141 Longwater Drive, Suite 202

Norwell, MA 02061

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Phenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Phytane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
Pristane	BNO 5-202/GC-FID	Extractable Organics	NELAP	11/13/2014
Pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Total Petroleum Hydrocarbons (TPH)	BNO 5-202/GC-FID	Extractable Organics	NELAP	6/21/2010
trans-Decalin	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
trans-Nonachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,4-Dichlorobenzene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
1H, 1H, 2H, 2H-Perfluorodecane Sulfonate (8:2 Fluorotelomersulfonate, 8:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1H, 1H, 2H, 2H-Perfluorohexane Sulfonate (4:2 Fluorotelomersulfonate 4:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1H, 1H, 2H, 2H-Perfluorooctane Sulfonate (6:2 Fluorotelomersulfonate, 6:2FTS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
1-Methylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
1-Methylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,5',6'-Octachlorobiphenyl (BZ 194)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ 207)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',6'-Octachlorobiphenyl (BZ 197)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ 171)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ 208)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ 198)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ 199)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ 172)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ 200)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (BZ 201)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ 173)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ 174)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ 175)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ 177)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5-Hexachlorobiphenyl (BZ 129)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ 130)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ 176)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',4,6-Hexachlorobiphenyl (BZ 131)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2',3,3',4-Pentachlorobiphenyl (BZ 82)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ 202)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ 178)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ 179)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6-Hexachlorobiphenyl (BZ 134)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ 135)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',5-Pentachlorobiphenyl (BZ 83)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ 136)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3',6-Pentachlorobiphenyl (BZ 84)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,3'-Tetrachlorobiphenyl (BZ 40)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ 203)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5-Hexachlorobiphenyl (BZ 137)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6-Hexachlorobiphenyl (BZ 139)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ 140)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,4'-Pentachlorobiphenyl (BZ 85)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ 185)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ 141)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,5'-Hexachlorobiphenyl (BZ 146)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ 188)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5',6-Hexachlorobiphenyl (BZ 144)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5',6-Hexachlorobiphenyl (BZ 149)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',5'-Pentachlorobiphenyl (BZ 97)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4',6-Pentachlorobiphenyl (BZ 91)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,4-Tetrachlorobiphenyl (BZ 41)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2',3,4'-Tetrachlorobiphenyl (BZ 42)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5,5',6'-Hexachlorobiphenyl (BZ 151)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5,5'-Pentachlorobiphenyl (BZ 92)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5',6'-Pentachlorobiphenyl (BZ 95)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5-Tetrachlorobiphenyl (BZ 43)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,6-Tetrachlorobiphenyl (BZ 45)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3,6'-Tetrachlorobiphenyl (BZ 46)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',3-Trichlorobiphenyl (BZ 16)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ 154)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',5-Pentachlorobiphenyl (BZ 99)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ 155)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4',6-Pentachlorobiphenyl (BZ 100)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,4'-Tetrachlorobiphenyl (BZ 47)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5-Tetrachlorobiphenyl (BZ 48)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6,6'-Pentachlorobiphenyl (BZ 104)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6-Tetrachlorobiphenyl (BZ 50)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4,6'-Tetrachlorobiphenyl (BZ 51)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',4-Trichlorobiphenyl (BZ 17)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5,6'-Tetrachlorobiphenyl (BZ 53)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5-Trichlorobiphenyl (BZ 18)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',5-Trichlorobiphenyl (BZ 18)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',6,6'-Tetrachlorobiphenyl (BZ 54)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2',6-Trichlorobiphenyl (BZ 19)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,2'-Dichlorobiphenyl (BZ 4)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ 205)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ 190)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ 191)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4',6-Hexachlorobiphenyl (BZ 158)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ 193)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5,6-Hexachlorobiphenyl (BZ 163)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',5',6-Hexachlorobiphenyl (BZ 164)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,3',4'-Tetrachlorobiphenyl (BZ 56)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',5,6-Hexachlorobiphenyl (BZ 166)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4',6-Pentachlorobiphenyl (BZ 115)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4,4'-Tetrachlorobiphenyl (BZ 60)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5,5'-Pentachlorobiphenyl (BZ 124)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5',6-Pentachlorobiphenyl (BZ 125)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4',5-Tetrachlorobiphenyl (BZ 63)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4,5-Tetrachlorobiphenyl (BZ 67)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',5-Tetrachlorobiphenyl (BZ 70)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4',6-Tetrachlorobiphenyl (BZ 64)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4',6-Tetrachlorobiphenyl (BZ 71)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,4'-Trichlorobiphenyl (BZ 22)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4-Trichlorobiphenyl (BZ 25)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',4'-Trichlorobiphenyl (BZ 33)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3',5-Trichlorobiphenyl (BZ 26)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3,5-Trimethylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2,3,6-Trichlorobiphenyl (BZ 24)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,3',6-Trichlorobiphenyl (BZ 27)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3-Dichlorobiphenyl (BZ 5)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,3'-Dichlorobiphenyl (BZ 6)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4',5-Tetrachlorobiphenyl (BZ 74)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4',6-Tetrachlorobiphenyl (BZ 75)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4'-Trichlorobiphenyl (BZ 28)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,4'-Trichlorobiphenyl (BZ 28)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,5-Trichlorobiphenyl (BZ 29)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4',5-Trichlorobiphenyl (BZ 31)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4,6-Trichlorobiphenyl (BZ 30)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4',6-Trichlorobiphenyl (BZ 32)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDD	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDD	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDE	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDE	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDT	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-DDT	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4-Dichlorobiphenyl (BZ 7)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-Dichlorobiphenyl (BZ 8)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,4'-Dichlorobiphenyl (BZ 8)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,5-Dichlorobiphenyl (BZ 9)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2,6-Dimethylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Chlorobiphenyl (BZ 1)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
2-Chloronaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Methylnaphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
2-Methylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',4,5,5'-Pentachlorobiphenyl (BZ 127)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3',5,5'-Tetrachlorobiphenyl (BZ 80)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,3'-Dichlorobiphenyl (BZ 11)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4,4',5-Tetrachlorobiphenyl (BZ 81)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3,4,4'-Trichlorobiphenyl (BZ 37)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4-Dichlorobiphenyl (BZ 12)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,4'-Dichlorobiphenyl (BZ 13)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
3,6-Dimethylphenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
4,4'-DDD	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-DDE	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-DDT	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4,4'-Dichlorobiphenyl (BZ 15)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
4-Chlorobiphenyl (BZ 3)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Acenaphthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Acenaphthylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Aldrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
alpha-BHC (alpha-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
alpha-Chlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(a)anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(a)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(b)fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(b)thiophene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(e)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(g,h,i)perylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Benzo(k)fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
beta-BHC (beta-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Biphenyl	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Biphenyl	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Chlorpyrifos	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Chrysene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
cis-Decalin	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
cis-Nonachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Decachlorobiphenyl (BZ 209)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Decachlorobiphenyl (BZ 209)	BNO 5-315/GC-MS	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
delta-BHC	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Dibenz(a,h)anthracene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dibenzofuran	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dibenzothiophene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Dieldrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87856-29, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Endosulfan I	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endosulfan II	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endosulfan sulfate	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin aldehyde	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Endrin ketone	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Fluoranthene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Fluorene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
gamma-Chlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Heptachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Heptachlor epoxide	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Hexachlorobenzene	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Indeno(1,2,3-cd)pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Methoxychlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Mirex	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Naphthalene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Oxychlordane	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorobutanoate (PFBA, perfluorobutyric acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorodecane sulfonate (PFDS, perfluorodecane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorododecanoate (PFDoA, perfluorododecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroheptanesulfonic Acid (PFHpS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorononanesulfonate (PFNS, Perfluorononane sulfonate)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorononanoate (PFNA, perfluorononanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctane sulfonamide (PFOSA)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorooctane sulfonate (PFOS)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018

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Issue Date: 1/14/2019**Expiration Date: 6/30/2019**



Laboratory Scope of Accreditation

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State Laboratory ID: **E87856**EPA Lab Code: **MA00056****(781) 681-5400****E87856****Battelle Analytical Chemistry Services Laboratory****141 Longwater Drive, Suite 202****Norwell, MA 02061**Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoropentanoate (PFPeA, perfluoropentanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoropentansulfonate (PFPeS, Perfluoro-1-pentansulfonate)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	BNO 5-369/LC-MS-MS	Extractable Organics	NELAP	4/11/2018
Perylene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Phenanthrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
Pyrene	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
trans-Decalin	BNO 5-157/GC-MS	Extractable Organics	NELAP	11/13/2014
trans-Nonachlor	BNO 5-128/GC-ECD	Pesticides-Herbicides-PCB's	NELAP	11/13/2014