

Expires 12:01 AM April 01, 2026 Issued April 01, 2025

### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. KARLA S. BUECHLER ENTHALPY ANALYTICAL LLC 1104 WINDFIELD WAY EL DORADO HILLS, CA 95762 NY Lab Id No: 11411

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

#### Perfluorinated Alkyl Acids

| 11CI-PF3OUdS | EPA 533 |
|--------------|---------|
|              |         |

EPA 537.1, Version 2

 4:2FTS
 EPA 533

 6:2FTS
 EPA 533

 8:2FTS
 EPA 533

 9CI-PF3ONS
 EPA 533

EPA 537.1, Version 2

ADONA EPA 533

EPA 537.1, Version 2

HFPO-DA (GenX) EPA 533

EPA 537.1, Version 2

NEtFOSAA EPA 537.1, Version 2

NFDHA EPA 533

NMeFOSAA EPA 537.1, Version 2

Perflourotridecanoic Acid (PFTrDA) EPA 537.1, Version 2

Perfluordecanoic Acid (PFDA) EPA 533

EPA 537.1, Version 2

Perfluoro-3-Methoxypropanoic Acid (F EPA 533 Perfluoro-4-Methoxybutanoic Acid (PF EPA 533

Perfluorobutanesulfonic Acid (PFBS) EPA 533

EPA 537.1, Version 2

Perfluorobutanoic Acid (PFBA) EPA 533
Perfluorododecanoic Acid (PFDoA) EPA 533

EPA 537.1, Version 2

Perfluoroheptanesulfonic Acid (PFHpS EPA 533 Perfluoroheptanoic Acid (PFHpA) EPA 533

EPA 537.1, Version 2





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### Perfluorinated Alkyl Acids

Perfluorohexanesulfonic Acid (PFHxS) EPA 533

EPA 537.1, Version 2

Perfluorohexanoic Acid (PFHxA) EPA 533

EPA 537.1, Version 2

Perfluorononanoic Acid (PFNA) EPA 533

EPA 537.1, Version 2

Perfluorooctanesulfonic Acid (PFOS) EPA 533

EPA 537.1, Version 2

Perfluorooctanoic Acid (PFOA) EPA 533

EPA 537.1, Version 2

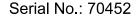
Perfluoropentanesulfonic Acid (PFPeS EPA 533

Perfluoropentanoic Acid (PFPeA) EPA 533

Perfluorotetradecanoic Acid (PFTeDA) EPA 537.1, Version 2

EPA 537.1, Version 2

PFEESA EPA 533







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### **Dioxins and Furans**

| 1,2,3,4,6,7,8,9-Octachlorodibenzofura  | EPA 1613B |
|--|-----------|
| 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d  | EPA 1613B |
| 1,2,3,4,6,7,8-Heptachlorodibenzofurar  | EPA 1613B |
| 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dic | EPA 1613B |
| 1,2,3,4,7,8,9-Heptachlorodibenzofurar  | EPA 1613B |
| 1,2,3,4,7,8-Hexachlorodibenzofuran     | EPA 1613B |
| 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxi  | EPA 1613B |
| 1,2,3,6,7,8-Hexachlorodibenzofuran     | EPA 1613B |
| 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxi  | EPA 1613B |
| 1,2,3,7,8,9-Hexachlorodibenzofuran     | EPA 1613B |
| 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi  | EPA 1613B |
| 1,2,3,7,8-Pentachlorodibenzofuran      | EPA 1613B |
| 2,3,4,6,7,8-Hexachlorodibenzofuran     | EPA 1613B |
| 2,3,4,7,8-Pentachlorodibenzofuran      | EPA 1613B |
| 2,3,7,8-Tetrachlorodibenzofuran        | EPA 1613B |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin    | EPA 1613B |

### **Polychlorinated Biphenyls**

| •       | • | •         |
|---------|---|-----------|
| PCB 1   |   | EPA 1668C |
| PCB 10  |   | EPA 1668C |
| PCB 100 |   | EPA 1668C |
| PCB 101 |   | EPA 1668C |
| PCB 102 |   | EPA 1668C |
| PCB 103 |   | EPA 1668C |
| PCB 104 |   | EPA 1668C |
| PCB 105 |   | EPA 1668C |
| PCB 106 |   | EPA 1668C |
| PCB 107 |   | EPA 1668C |





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### **Polychlorinated Biphenyls**

| PCB 108 | EPA 1668C |  |
|---------|-----------|--|
| PCB 109 | EPA 1668C |  |
| PCB 11  | EPA 1668C |  |
| PCB 110 | EPA 1668C |  |
| PCB 111 | EPA 1668C |  |
| PCB 112 | EPA 1668C |  |
| PCB 113 | EPA 1668C |  |
| PCB 114 | EPA 1668C |  |
| PCB 115 | EPA 1668C |  |
| PCB 116 | EPA 1668C |  |
| PCB 117 | EPA 1668C |  |
| PCB 118 | EPA 1668C |  |
| PCB 119 | EPA 1668C |  |
| PCB 12  | EPA 1668C |  |
| PCB 120 | EPA 1668C |  |
| PCB 121 | EPA 1668C |  |
| PCB 122 | EPA 1668C |  |
| PCB 123 | EPA 1668C |  |
| PCB 124 | EPA 1668C |  |
| PCB 125 | EPA 1668C |  |
| PCB 126 | EPA 1668C |  |
| PCB 127 | EPA 1668C |  |
| PCB 128 | EPA 1668C |  |
| PCB 129 | EPA 1668C |  |
| PCB 13  | EPA 1668C |  |
| PCB 130 | EPA 1668C |  |
|         |           |  |

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### **Polychlorinated Biphenyls**

| EPA 1668C |
|-----------|
| EPA 1668C |
|           |

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### **Polychlorinated Biphenyls**

| PCB 157 | EPA 1668C |
|---------|-----------|
| PCB 158 | EPA 1668C |
| PCB 159 | EPA 1668C |
| PCB 16  | EPA 1668C |
| PCB 160 | EPA 1668C |
| PCB 161 | EPA 1668C |
| PCB 162 | EPA 1668C |
| PCB 163 | EPA 1668C |
| PCB 164 | EPA 1668C |
| PCB 165 | EPA 1668C |
| PCB 166 | EPA 1668C |
| PCB 167 | EPA 1668C |
| PCB 168 | EPA 1668C |
| PCB 169 | EPA 1668C |
| PCB 17  | EPA 1668C |
| PCB 170 | EPA 1668C |
| PCB 171 | EPA 1668C |
| PCB 172 | EPA 1668C |
| PCB 173 | EPA 1668C |
| PCB 174 | EPA 1668C |
| PCB 175 | EPA 1668C |
| PCB 176 | EPA 1668C |
| PCB 177 | EPA 1668C |
| PCB 178 | EPA 1668C |
| PCB 179 | EPA 1668C |
| PCB 18  | EPA 1668C |
|         |           |

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### **Polychlorinated Biphenyls**

| PCB 181 | EPA 1668C |  |
|---------|-----------|--|
| PCB 182 | EPA 1668C |  |
| PCB 183 | EPA 1668C |  |
| PCB 184 | EPA 1668C |  |
| PCB 185 | EPA 1668C |  |
| PCB 186 | EPA 1668C |  |
| PCB 187 | EPA 1668C |  |
| PCB 188 | EPA 1668C |  |
| PCB 189 | EPA 1668C |  |
| PCB 19  | EPA 1668C |  |
| PCB 190 | EPA 1668C |  |
| PCB 191 | EPA 1668C |  |
| PCB 192 | EPA 1668C |  |
| PCB 193 | EPA 1668C |  |
| PCB 194 | EPA 1668C |  |
| PCB 195 | EPA 1668C |  |
| PCB 196 | EPA 1668C |  |
| PCB 197 | EPA 1668C |  |
| PCB 198 | EPA 1668C |  |
| PCB 199 | EPA 1668C |  |
| PCB 2   | EPA 1668C |  |
| PCB 20  | EPA 1668C |  |
| PCB 200 | EPA 1668C |  |
| PCB 201 | EPA 1668C |  |
| PCB 202 | EPA 1668C |  |
| PCB 203 | EPA 1668C |  |
|         |           |  |

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### **Polychlorinated Biphenyls**

| PCB 205 | EPA 1668C |  |
|---------|-----------|--|
| PCB 206 | EPA 1668C |  |
| PCB 207 | EPA 1668C |  |
| PCB 208 | EPA 1668C |  |
| PCB 209 | EPA 1668C |  |
| PCB 21  | EPA 1668C |  |
| PCB 22  | EPA 1668C |  |
| PCB 23  | EPA 1668C |  |
| PCB 24  | EPA 1668C |  |
| PCB 25  | EPA 1668C |  |
| PCB 26  | EPA 1668C |  |
| PCB 27  | EPA 1668C |  |
| PCB 28  | EPA 1668C |  |
| PCB 29  | EPA 1668C |  |
| PCB 3   | EPA 1668C |  |
| PCB 30  | EPA 1668C |  |
| PCB 31  | EPA 1668C |  |
| PCB 32  | EPA 1668C |  |
| PCB 33  | EPA 1668C |  |
| PCB 34  | EPA 1668C |  |
| PCB 35  | EPA 1668C |  |
| PCB 36  | EPA 1668C |  |
| PCB 37  | EPA 1668C |  |
| PCB 38  | EPA 1668C |  |
| PCB 39  | EPA 1668C |  |
| PCB 4   | EPA 1668C |  |
|         |           |  |

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### **Polychlorinated Biphenyls**

| PCB 41 | EPA 1668C |  |
|--------|-----------|--|
| PCB 42 | EPA 1668C |  |
| PCB 43 | EPA 1668C |  |
| PCB 44 | EPA 1668C |  |
| PCB 45 | EPA 1668C |  |
| PCB 46 | EPA 1668C |  |
| PCB 47 | EPA 1668C |  |
| PCB 48 | EPA 1668C |  |
| PCB 49 | EPA 1668C |  |
| PCB 5  | EPA 1668C |  |
| PCB 50 | EPA 1668C |  |
| PCB 51 | EPA 1668C |  |
| PCB 52 | EPA 1668C |  |
| PCB 53 | EPA 1668C |  |
| PCB 54 | EPA 1668C |  |
| PCB 55 | EPA 1668C |  |
| PCB 56 | EPA 1668C |  |
| PCB 57 | EPA 1668C |  |
| PCB 58 | EPA 1668C |  |
| PCB 59 | EPA 1668C |  |
| PCB 6  | EPA 1668C |  |
| PCB 60 | EPA 1668C |  |
| PCB 61 | EPA 1668C |  |
| PCB 62 | EPA 1668C |  |
| PCB 63 | EPA 1668C |  |
| PCB 64 | EPA 1668C |  |
|        |           |  |

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### **Polychlorinated Biphenyls**

| PCB 66 | EPA 1668C  |
|--------|--|
| PCB 67 | EPA 1668C  |
| PCB 68 | EPA 1668C  |
| PCB 69 | EPA 1668C  |
| PCB 7  | EPA 1668C  |
| PCB 70 | EPA 1668C  |
| PCB 71 | EPA 1668C  |
| PCB 72 | EPA 1668C  |
| PCB 73 | EPA 1668C  |
| PCB 74 | EPA 1668C  |
| PCB 75 | EPA 1668C  |
| PCB 76 | EPA 1668C  |
| PCB 77 | EPA 1668C  |
| PCB 78 | EPA 1668C  |
| PCB 79 | EPA 1668C  |
| PCB 8  | EPA 1668C  |
| PCB 80 | EPA 1668C  |
| PCB 81 | EPA 1668C  |
| PCB 82 | EPA 1668C  |
| PCB 83 | EPA 1668C  |
| PCB 84 | EPA 1668C  |
| PCB 85 | EPA 1668C  |
| PCB 86 | EPA 1668C  |
| PCB 87 | EPA 1668C  |
| PCB 88 | EPA 1668C  |
| PCB 89 | EPA 1668C  |
|        | PCB 67 PCB 68 PCB 69 PCB 7 PCB 70 PCB 70 PCB 71 PCB 72 PCB 73 PCB 74 PCB 75 PCB 76 PCB 77 PCB 78 PCB 88 PCB 80 PCB 81 PCB 82 PCB 83 PCB 84 PCB 85 PCB 86 PCB 87 PCB 88 |

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### **Polychlorinated Biphenyls**

| PCB 90               | EPA 1668C |  |
|----------------------|-----------|--|
| PCB 91               | EPA 1668C |  |
| PCB 92               | EPA 1668C |  |
| PCB 93               | EPA 1668C |  |
| PCB 94               | EPA 1668C |  |
| PCB 95               | EPA 1668C |  |
| PCB 96               | EPA 1668C |  |
| PCB 97               | EPA 1668C |  |
| PCB 98               | EPA 1668C |  |
| PCB 99               | EPA 1668C |  |
| PCB Congeners, Total | EPA 1668C |  |
|                      |           |  |
|                      |           |  |





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#### Perfluorinated Alkyl Acids

| 11CI-PF3OUdS                         | EPA 1633 (Draft) |
|--------------------------------------|------------------|
| 4:2FTS                               | EPA 1633 (Draft) |
| 6:2FTS                               | EPA 1633 (Draft) |
| 8:2FTS                               | EPA 1633 (Draft) |
| 9CI-PF3ONS                           | EPA 1633 (Draft) |
| ADONA                                | EPA 1633 (Draft) |
| HFPO-DA (GenX)                       | EPA 1633 (Draft) |
| NEtFOSAA                             | EPA 1633 (Draft) |
| NFDHA                                | EPA 1633 (Draft) |
| NMeFOSAA                             | EPA 1633 (Draft) |
| Perflourotridecanoic Acid (PFTrDA)   | EPA 1633 (Draft) |
| Perfluordecanoic Acid (PFDA)         | EPA 1633 (Draft) |
| Perfluoro-3-Methoxypropanoic Acid (F | EPA 1633 (Draft) |
| Perfluoro-4-Methoxybutanoic Acid (PF | EPA 1633 (Draft) |
| Perfluorobutanesulfonic Acid (PFBS)  | EPA 1633 (Draft) |
| Perfluorobutanoic Acid (PFBA)        | EPA 1633 (Draft) |
| Perfluorodecanesulfonic acid (PFDS)  | EPA 1633 (Draft) |
| Perfluorododecanesulfonic acid (PFDc | EPA 1633 (Draft) |
| Perfluorododecanoic Acid (PFDoA)     | EPA 1633 (Draft) |
| Perfluoroheptanesulfonic Acid (PFHpS | EPA 1633 (Draft) |
| Perfluoroheptanoic Acid (PFHpA)      | EPA 1633 (Draft) |
| Perfluorohexanesulfonic Acid (PFHxS) | EPA 1633 (Draft) |
| Perfluorohexanoic Acid (PFHxA)       | EPA 1633 (Draft) |
| Perfluorononanesulfonic acid (PFNS)  | EPA 1633 (Draft) |
| Perfluorononanoic Acid (PFNA)        | EPA 1633 (Draft) |
| Perfluorooctanesulfonic Acid (PFOS)  | EPA 1633 (Draft) |
| Perfluorooctanoic Acid (PFOA)        | EPA 1633 (Draft) |
|                                      |                  |



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### Perfluorinated Alkyl Acids

Perfluoropentanesulfonic Acid (PFPeS EPA 1633 (Draft)
Perfluoropentanoic Acid (PFPeA) EPA 1633 (Draft)
Perfluorotetradecanoic Acid (PFTeDA) EPA 1633 (Draft)
Perfluoroundecanoic Acid (PFUnA) EPA 1633 (Draft)
PFEESA EPA 1633 (Draft)





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All approved analytes are listed below:

#### **Dioxins and Furans**

| DIOXIIIS AIIU FUIAIIS                  |           |
|--|-----------|
| 1,2,3,4,6,7,8,9-Octachlorodibenzofura  | EPA 8290A |
| 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d  | EPA 8290A |
| 1,2,3,4,6,7,8-Heptachlorodibenzofurar  | EPA 8290A |
| 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dic | EPA 8290A |
| 1,2,3,4,7,8,9-Heptachlorodibenzofurar  | EPA 8290A |
| 1,2,3,4,7,8-Hexachlorodibenzofuran     | EPA 8290A |
| 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxi  | EPA 8290A |
| 1,2,3,6,7,8-Hexachlorodibenzofuran     | EPA 8290A |
| 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxi  | EPA 8290A |
| 1,2,3,7,8,9-Hexachlorodibenzofuran     | EPA 8290A |
| 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi  | EPA 8290A |
| 1,2,3,7,8-Pentachlorodibenzofuran      | EPA 8290A |
| 1,2,3,7,8-Pentachlorodibenzo-p-dioxin  | EPA 8290A |
| 2,3,4,6,7,8-Hexachlorodibenzofuran     | EPA 8290A |
| 2,3,4,7,8-Pentachlorodibenzofuran      | EPA 8290A |
| 2,3,7,8-Tetrachlorodibenzofuran        | EPA 8290A |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin    | EPA 8290A |









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### Perfluorinated Alkyl Acids

| 4:2FTS                               | EPA 1633 (Draft) |
|--------------------------------------|------------------|
| 6:2FTS                               | EPA 1633 (Draft) |
| 8:2FTS                               | EPA 1633 (Draft) |
| 9CI-PF3ONS                           | EPA 1633 (Draft) |
| ADONA                                | EPA 1633 (Draft) |
| NEtFOSAA                             | EPA 1633 (Draft) |
| NMeFOSAA                             | EPA 1633 (Draft) |
| Perflourotridecanoic Acid (PFTrDA)   | EPA 1633 (Draft) |
| Perfluordecanoic Acid (PFDA)         | EPA 1633 (Draft) |
| Perfluorobutanoic Acid (PFBA)        | EPA 1633 (Draft) |
| Perfluorodecanesulfonic acid (PFDS)  | EPA 1633 (Draft) |
| Perfluorododecanesulfonic acid (PFDc | EPA 1633 (Draft) |
| Perfluorododecanoic Acid (PFDoA)     | EPA 1633 (Draft) |
| Perfluoroheptanesulfonic Acid (PFHpS | EPA 1633 (Draft) |
| Perfluoroheptanoic Acid (PFHpA)      | EPA 1633 (Draft) |
| Perfluorohexanesulfonic Acid (PFHxS) | EPA 1633 (Draft) |
| Perfluorohexanoic Acid (PFHxA)       | EPA 1633 (Draft) |
| Perfluorononanesulfonic acid (PFNS)  | EPA 1633 (Draft) |
| Perfluorononanoic Acid (PFNA)        | EPA 1633 (Draft) |
| Perfluorooctanesulfonamide (PFOSA)   | EPA 1633 (Draft) |
| Perfluorooctanesulfonic Acid (PFOS)  | EPA 1633 (Draft) |
| Perfluorooctanoic Acid (PFOA)        | EPA 1633 (Draft) |
| Perfluoropentanoic Acid (PFPeA)      | EPA 1633 (Draft) |
| Perfluorotetradecanoic Acid (PFTeDA) | EPA 1633 (Draft) |
| Perfluoroundecanoic Acid (PFUnA)     | EPA 1633 (Draft) |
| PFEESA                               | EPA 1633 (Draft) |