

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2024  
Issued April 01, 2023

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

*MR. OLIVER CAWDELL  
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**

Perfluorooctanesulfonic Acid (PFOS) EPA 537  
Perfluorooctanoic Acid (PFOA) EPA 537



**Serial No.: 67684**

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ENVIRONMENTAL ANALYSES NON POTABLE WATER  
All approved analytes are listed below:*

**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-di	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

Serial No.: 67685

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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
PCB 131	EPA 1668C



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**Polychlorinated Biphenyls**

PCB 132	EPA 1668C
PCB 133	EPA 1668C
PCB 134	EPA 1668C
PCB 135	EPA 1668C
PCB 136	EPA 1668C
PCB 137	EPA 1668C
PCB 138	EPA 1668C
PCB 139	EPA 1668C
PCB 14	EPA 1668C
PCB 140	EPA 1668C
PCB 141	EPA 1668C
PCB 142	EPA 1668C
PCB 143	EPA 1668C
PCB 144	EPA 1668C
PCB 145	EPA 1668C
PCB 146	EPA 1668C
PCB 147	EPA 1668C
PCB 148	EPA 1668C
PCB 149	EPA 1668C
PCB 15	EPA 1668C
PCB 150	EPA 1668C
PCB 151	EPA 1668C
PCB 152	EPA 1668C
PCB 153	EPA 1668C
PCB 154	EPA 1668C
PCB 155	EPA 1668C
PCB 156	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
PCB 180	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
PCB 204	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
PCB 40	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
PCB 65	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 9	EPA 1668C



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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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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Dioxins and Furans**

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-di	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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