



STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF  
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

**Enthalpy Analytical, LLC**

2714 Exchange Dr.

Wilmington, NC 28405

Scope of the certificate is limited to the  
"Fields of Accreditation"  
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,  
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **3012**

Effective Date: **2/15/2023**

Expiration Date: **1/15/2024**

A handwritten signature in blue ink, appearing to read "Christine Sotelo".

Sacramento, California  
subject to forfeiture or revocation

Christine Sotelo, Program Manager  
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Fields of Accreditation**



**Enthalpy Analytical, LLC**

2714 Exchange Dr.  
Wilmington, NC 28405  
Phone: 9102125856

**Certificate Number: 3012  
Expiration Date: 1/15/2024**

Primary Accreditation  
Body

**Field of Accreditation: 105 - Semi-volatile Organic Chemistry of Drinking Water**

105.106 001	11-Chloroicosafluoro-3-oxaundecane-1-sulfonic acid	EPA 537.1	ANAB
105.106 002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	EPA 537.1	ANAB
105.106 003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	ANAB
105.106 004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 537.1	ANAB
105.106 005	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEPA)	EPA 537.1	ANAB
105.106 006	N-Methylperfluorooctane Sulfonamido Acetic Acid (MEPA)	EPA 537.1	ANAB
105.106 007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 537.1	ANAB
105.106 008	Perfluorodecanoic Acid (PFDA)	EPA 537.1	ANAB
105.106 009	Perfluorododecanoic Acid (PFDoA)	EPA 537.1	ANAB
105.106 010	Perfluoroheptanoic Acid (PFHpA)	EPA 537.1	ANAB
105.106 011	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1	ANAB
105.106 012	Perfluorohexanoic Acid (PFHxA)	EPA 537.1	ANAB
105.106 013	Perfluorononanoic Acid (PFNA)	EPA 537.1	ANAB
105.106 014	Perfluorooctanoic Acid (PFOA)	EPA 537.1	ANAB
105.106 015	Perfluorooctane Sulfonic Acid (PFOS)	EPA 537.1	ANAB
105.106 016	Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1	ANAB
105.106 017	Perfluorotridecanoic Acid (PFTrDA)	EPA 537.1	ANAB
105.106 018	Perfluoroundecanoic Acid (PFUnDA)	EPA 537.1	ANAB

**Field of Accreditation: 111 - Semi-volatile Organic Constituents in Non-Potable Water**

111.250 001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613 B	ANAB
111.250 002	Total Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613 B	ANAB
111.250 003	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 1613 B	ANAB
111.250 004	Total Tetrachlorodibenzofuran (TCDF)	EPA 1613 B	ANAB
111.250 005	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 1613 B	ANAB
111.250 006	Total Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 1613 B	ANAB
111.250 007	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613 B	ANAB
111.250 008	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613 B	ANAB
111.250 009	Total Pentachlorodibenzofuran (PeCDF)	EPA 1613 B	ANAB
111.250 010	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	ANAB
111.250 011	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	ANAB
111.250 012	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	ANAB
111.250 013	Total Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B	ANAB
111.250 014	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	ANAB

111.250	015	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	ANAB
111.250	016	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	ANAB
111.250	017	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	ANAB
111.250	018	Total Hexachlorodibenzofuran (HxCDF)	EPA 1613 B	ANAB
111.250	019	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 1613 B	ANAB
111.250	020	Total Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 1613 B	ANAB
111.250	021	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 1613 B	ANAB
111.250	022	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 1613 B	ANAB
111.250	023	Total Heptachlorodibenzofuran (HpCDF)	EPA 1613 B	ANAB
111.250	024	OCDD	EPA 1613 B	ANAB
111.250	025	OCDF	EPA 1613 B	ANAB
111.345	034	Perfluorononane Sulfonic Acid (PFNS)	DoD QSM Version 5.1 (or newer)	ANAB

**Field of Accreditation: 117 - Semi-volatile Organic Chemistry of Hazardous Waste**

117.472	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290 A	ANAB
117.472	002	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 8290 A	ANAB
117.472	003	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
117.472	004	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
117.472	005	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
117.472	006	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290 A	ANAB
117.472	007	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 8290 A	ANAB
117.472	008	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 8290 A	ANAB
117.472	009	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290 A	ANAB
117.472	010	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290 A	ANAB
117.472	011	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
117.472	012	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
117.472	013	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
117.472	014	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
117.472	015	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 8290 A	ANAB
117.472	016	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 8290 A	ANAB
117.472	017	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 8290 A	ANAB
117.472	018	Total Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290 A	ANAB
117.472	019	Total Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 8290 A	ANAB
117.472	020	Total Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
117.472	021	Total Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290 A	ANAB
117.472	022	Total Tetrachlorodibenzofuran (TCDF)	EPA 8290 A	ANAB
117.472	023	Total Pentachlorodibenzofuran (PeCDF)	EPA 8290 A	ANAB
117.472	024	Total Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
117.472	025	Total Heptachlorodibenzofuran (HpCDF)	EPA 8290 A	ANAB

**Field of Accreditation: 133 - Semi-Volatile Organic Chemistry in Hazardous Waste (Matrix Aqueous)**

133.267	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290 A	ANAB
133.267	002	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 8290 A	ANAB
133.267	003	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB

133.267	004	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
133.267	005	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
133.267	006	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290 A	ANAB
133.267	007	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 8290 A	ANAB
133.267	008	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 8290 A	ANAB
133.267	009	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290 A	ANAB
133.267	010	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290 A	ANAB
133.267	011	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
133.267	012	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
133.267	013	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
133.267	014	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
133.267	015	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 8290 A	ANAB
133.267	016	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 8290 A	ANAB
133.267	017	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 8290 A	ANAB
133.267	018	Total Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290 A	ANAB
133.267	019	Total Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 8290 A	ANAB
133.267	020	Total Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290 A	ANAB
133.267	021	Total Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290 A	ANAB
133.267	022	Total Tetrachlorodibenzofuran (TCDF)	EPA 8290 A	ANAB
133.267	023	Total Pentachlorodibenzofuran (PeCDF)	EPA 8290 A	ANAB
133.267	024	Total Hexachlorodibenzofuran (HxCDF)	EPA 8290 A	ANAB
133.267	025	Total Heptachlorodibenzofuran (HpCDF)	EPA 8290 A	ANAB