



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF CONSOLIDATED LABORATORY SERVICES**



Certifies that

**VA Laboratory ID#: 460235
Enthalpy Analytical LLC
1104 Windfield Way
El Dorado Hills, CA 95762**

Owner: ENTHALPY ANALYTICAL LLC

Operator: KARLA BUECHLER

Responsible Official: KARLA BUECHLER

Having met the requirements of 1 VAC 30-46 and
having been found compliant with the 2016 TNI Standard approved by The NELAC Institute
is hereby approved as an

Accredited Environmental Laboratory

As more fully described in the attached Scope of Accreditation

Effective Date: **June 16, 2025**

Expiration Date: **June 14, 2026**

Certificate # 13460

Denise M. Toney, Ph.D., HCLD
DGS Deputy Director for Laboratories

Continued accreditation status depends on successful ongoing participation in the program.
Certificate to be conspicuously displayed at the laboratory.
Not valid unless accompanied by a valid Virginia Environmental Laboratory Accreditation Program (VELAP)
Scope of Accreditation.
Customers are urged to verify the laboratory's current accreditation status.



Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 13460

Enthalpy Analytical LLC
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Virginia Laboratory ID: 460235
Effective Date: June 16, 2025
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DRINKING WATER

METHOD	ANALYTE	PRIMARY
EPA 533	HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA, GENX)	OR
EPA 533	PERFLUORO-1-HEXANESULFONIC ACID (PFHXS)	OR
EPA 533	PERFLUORONONANOIC ACID (PFNA)	OR
EPA 537.1 REV 2	HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA, GENX)	OR
EPA 537.1 REV 2	PERFLUORO-1-HEXANESULFONIC ACID (PFHXS)	OR
EPA 537.1 REV 2	PERFLUORONONANOIC ACID (PFNA)	OR

METHOD	ANALYTE	PRIMARY
EPA 533	PERFLUORO-1-BUTANESULFONIC ACID (PFBS)	OR
EPA 533	PERFLUORO-1-OCTANESULFONIC ACID (PFOS)	OR
EPA 533	PERFLUOROOCTANOIC ACID (PFOA)	OR
EPA 537.1 REV 2	PERFLUORO-1-BUTANESULFONIC ACID (PFBS)	OR
EPA 537.1 REV 2	PERFLUORO-1-OCTANESULFONIC ACID (PFOS)	OR
EPA 537.1 REV 2	PERFLUOROOCTANOIC ACID (PFOA)	OR

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY
EPA 1613 B	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ O-P-DIOXIN (OCDD)	OR
EPA 1613 B	1,2,3,4,6,7,8-HEPTACHLORODIBENZ O-P-DIOXIN (1,2,3,4,6,7,8-HPCDD)	OR
EPA 1613 B	1,2,3,4,7,8,9-HEPTACHLORODIBENZ OFURAN (1,2,3,4,7,8,9-HPCDF)	OR
EPA 1613 B	1,2,3,4,7,8-HEXACHLORODIBENZOF URAN (1,2,3,4,7,8-HXCDF)	OR
EPA 1613 B	1,2,3,6,7,8-HEXACHLORODIBENZOF URAN (1,2,3,6,7,8-HXCDF)	OR
EPA 1613 B	1,2,3,7,8,9-HEXACHLORODIBENZOF URAN (1,2,3,7,8,9-HXCDF)	OR
EPA 1613 B	1,2,3,7,8-PENTACHLORODIBENZOF URAN (1,2,3,7,8-PECDF)	OR
EPA 1613 B	2,3,4,7,8-PENTACHLORODIBENZOF URAN	OR
EPA 1613 B	2,3,7,8-TETRACHLORODIBENZOFUR AN (2,3,7,8-TCDF)	OR
EPA 1668 A	2,2',3,3',4,4',5,5'-OCTACHLOROBIPH ENYL (BZ-194)	OR
EPA 1668 A	2,2',3,3',4,4',5,6,6'-NONACHLOROBIP HENYL (BZ-207)	OR
EPA 1668 A	2,2',3,3',4,4',5-HEPTACHLOROBIPHE NYL (BZ-170)	OR
EPA 1668 A	2,2',3,3',4,4',6-HEPTACHLOROBIPHE NYL (BZ-171)	OR
EPA 1668 A	2,2',3,3',4,5',6'-HEPTACHLOROBIPHE NYL (BZ-177)	OR
EPA 1668 A	2,2',3,3',4,5',6-HEPTACHLOROBIPHE NYL (BZ-175)	OR
EPA 1668 A	2,2',3,3',4,5,5',6'-OCTACHLOROBIPH ENYL (BZ-199)	OR
EPA 1668 A	2,2',3,3',4,5,5',6-OCTACHLOROBIPH ENYL (BZ-198)	OR

METHOD	ANALYTE	PRIMARY
EPA 1613 B	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ OFURAN (OCDF)	OR
EPA 1613 B	1,2,3,4,6,7,8-HEPTACHLORODIBENZ OFURAN (1,2,3,4,6,7,8-HPCDF)	OR
EPA 1613 B	1,2,3,4,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,4,7,8-HXCDD)	OR
EPA 1613 B	1,2,3,6,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,6,7,8-HXCDD)	OR
EPA 1613 B	1,2,3,7,8,9-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,7,8,9-HXCDD)	OR
EPA 1613 B	1,2,3,7,8-PENTACHLORODIBENZO-P -DIOXIN (1,2,3,7,8-PECDD)	OR
EPA 1613 B	2,3,4,6,7,8-HEXACHLORODIBENZOF URAN (2,3,4,6,7,8-HXCDF)	OR
EPA 1613 B	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)	OR
EPA 1668 A	2,2',3,3',4,4',5,5',6-NONACHLOROBIP HENYL (BZ-206)	OR
EPA 1668 A	2,2',3,3',4,4',5,6'-OCTACHLOROBIPH ENYL (BZ-196)	OR
EPA 1668 A	2,2',3,3',4,4',5,6-OCTACHLOROBIPHE NYL BZ-195)	OR
EPA 1668 A	2,2',3,3',4,4',6,6'-OCTACHLOROBIPH ENYL (BZ-197)	OR
EPA 1668 A	2,2',3,3',4,4'-HEXACHLOROBIPHENY L (BZ-128)	OR
EPA 1668 A	2,2',3,3',4,5',6,6'-OCTACHLOROBIPH ENYL (BZ-201)	OR
EPA 1668 A	2,2',3,3',4,5'-HEXACHLOROBIPHENY L (BZ-130)	OR
EPA 1668 A	2,2',3,3',4,5,5',6,6'-NONACHLOROBIP HENYL (BZ-208)	OR
EPA 1668 A	2,2',3,3',4,5,5'-HEPTACHLOROBIPHE NYL (BZ-172)	OR



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Scope of Accreditation

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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,2',3,3',4,5,6'-HEPTACHLOROBIPHE NYL (BZ-174)	OR
EPA 1668 A	2,2',3,3',4,5,6-HEPTACHLOROBIPHE NYL (BZ-173)	OR
EPA 1668 A	2,2',3,3',4,6'-HEXACHLOROBIPHENY L (BZ-132)	OR
EPA 1668 A	2,2',3,3',4,6-HEXACHLOROBIPHENYL (BZ-131)	OR
EPA 1668 A	2,2',3,3',5,5',6,6'-OCTACHLOROBIPH ENYL (BZ-202)	OR
EPA 1668 A	2,2',3,3',5,5'-HEXACHLOROBIPHENY L (BZ-133)	OR
EPA 1668 A	2,2',3,3',5,6,6'-HEPTACHLOROBIPHE NYL (BZ-179)	OR
EPA 1668 A	2,2',3,3',5-PENTACHLOROBIPHENYL (BZ-83)	OR
EPA 1668 A	2,2',3,3',6-PENTACHLOROBIPHENYL (BZ-84)	OR
EPA 1668 A	2,2',3,4',5',6-HEXACHLOROBIPHENY L (BZ-149)	OR
EPA 1668 A	2,2',3,4',5,5',6-HEPTACHLOROBIPHE NYL (BZ-187)	OR
EPA 1668 A	2,2',3,4',5,6'-HEXACHLOROBIPHENY L (BZ-148)	OR
EPA 1668 A	2,2',3,4',5,6-HEXACHLOROBIPHENYL (BZ-147)	OR
EPA 1668 A	2,2',3,4',6'-PENTACHLOROBIPHENYL (BZ-98)	OR
EPA 1668 A	2,2',3,4',6-PENTACHLOROBIPHENYL (BZ-91)	OR
EPA 1668 A	2,2',3,4,4',5',6-HEPTACHLOROBIPHE NYL (BZ-183)	OR
EPA 1668 A	2,2',3,4,4',5,5',6-OCTACHLOROBIPHE NYL (BZ-203)	OR
EPA 1668 A	2,2',3,4,4',5,6'-HEPTACHLOROBIPHE NYL (BZ-182)	OR
EPA 1668 A	2,2',3,4,4',5,6-HEPTACHLOROBIPHE NYL (BZ-181)	OR
EPA 1668 A	2,2',3,4,4',6'-HEXACHLOROBIPHENY L (BZ-140)	OR
EPA 1668 A	2,2',3,4,4',6-HEXACHLOROBIPHENYL (BZ-139)	OR
EPA 1668 A	2,2',3,4,5',6-HEXACHLOROBIPHENYL (BZ-144)	OR
EPA 1668 A	2,2',3,4,5,5'-HEPTACHLOROBIPHE NYL (BZ-185)	OR
EPA 1668 A	2,2',3,4,5,6'-HEXACHLOROBIPHENYL (BZ-143)	OR
EPA 1668 A	2,2',3,4,5,6-HEXACHLOROBIPHENYL (BZ-142)	OR

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,2',3,3',4,5,6,6'-OCTACHLOROBIPHE NYL (BZ-200)	OR
EPA 1668 A	2,2',3,3',4,5-HEXACHLOROBIPHENYL (BZ-129)	OR
EPA 1668 A	2,2',3,3',4,6,6'-HEPTACHLOROBIPHE NYL (BZ-176)	OR
EPA 1668 A	2,2',3,3',4-PENTACHLOROBIPHENYL (BZ-82)	OR
EPA 1668 A	2,2',3,3',5,5',6-HEPTACHLOROBIPHE NYL (BZ-178)	OR
EPA 1668 A	2,2',3,3',5,6'-HEXACHLOROBIPHENY L (BZ-135)	OR
EPA 1668 A	2,2',3,3',5,6-HEXACHLOROBIPHENYL (BZ-134)	OR
EPA 1668 A	2,2',3,3',6,6'-HEXACHLOROBIPHENY L (BZ-136)	OR
EPA 1668 A	2,2',3,3'-TETRACHLOROBIPHENYL (BZ-40)	OR
EPA 1668 A	2,2',3,4',5'-PENTACHLOROBIPHENYL (BZ-97)	OR
EPA 1668 A	2,2',3,4',5'-HEXACHLOROBIPHENY L (BZ-146)	OR
EPA 1668 A	2,2',3,4',5,6,6'-HEPTACHLOROBIPHE NYL (BZ-188)	OR
EPA 1668 A	2,2',3,4',5-PENTACHLOROBIPHENYL (BZ-90)	OR
EPA 1668 A	2,2',3,4',6,6'-HEXACHLOROBIPHENY L (BZ-150)	OR
EPA 1668 A	2,2',3,4',6-TETRACHLOROBIPHENYL (BZ-42)	OR
EPA 1668 A	2,2',3,4,4',5'-HEXACHLOROBIPHENY L (BZ-138)	OR
EPA 1668 A	2,2',3,4,4',5,5'-HEPTACHLOROBIPHE NYL (BZ-180)	OR
EPA 1668 A	2,2',3,4,4',5,6,6'-OCTACHLOROBIPHE NYL (BZ-204)	OR
EPA 1668 A	2,2',3,4,4',5-HEXACHLOROBIPHENYL (BZ-137)	OR
EPA 1668 A	2,2',3,4,4',6,6'-HEPTACHLOROBIPHE NYL (BZ-184)	OR
EPA 1668 A	2,2',3,4,4'-PENTACHLOROBIPHENYL (BZ-85)	OR
EPA 1668 A	2,2',3,4,5'-PENTACHLOROBIPHENYL (BZ-87)	OR
EPA 1668 A	2,2',3,4,5,5'-HEXACHLOROBIPHENYL (BZ-141)	OR
EPA 1668 A	2,2',3,4,5,6,6'-HEPTACHLOROBIPHE NYL (BZ-186)	OR
EPA 1668 A	2,2',3,4,5-PENTACHLOROBIPHENYL (BZ-86)	OR



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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,2',3,4,6'-PENTACHLOROBIPHENYL (BZ-89)	OR
EPA 1668 A	2,2',3,4,6-PENTACHLOROBIPHENYL (BZ-88)	OR
EPA 1668 A	2,2',3,5',6-PENTACHLOROBIPHENYL (BZ-95)	OR
EPA 1668 A	2,2',3,5,5',6-HEXACHLOROBIPHENYL (BZ-151)	OR
EPA 1668 A	2,2',3,5,6'-PENTACHLOROBIPHENYL (BZ-94)	OR
EPA 1668 A	2,2',3,5,6-PENTACHLOROBIPHENYL (BZ-93)	OR
EPA 1668 A	2,2',3,6'-TETRACHLOROBIPHENYL (BZ-46)	OR
EPA 1668 A	2,2',3,6-TETRACHLOROBIPHENYL (BZ-45)	OR
EPA 1668 A	2,2',4,4',5,5'-HEXACHLOROBIPHENYL (BZ-153)	OR
EPA 1668 A	2,2',4,4',5-PENTACHLOROBIPHENYL (BZ-99)	OR
EPA 1668 A	2,2',4,4',6-PENTACHLOROBIPHENYL (BZ-100)	OR
EPA 1668 A	2,2',4,5',6-PENTACHLOROBIPHENYL (BZ-103)	OR
EPA 1668 A	2,2',4,5,5'-PENTACHLOROBIPHENYL (BZ-101)	OR
EPA 1668 A	2,2',4,5-TETRACHLOROBIPHENYL (BZ-48)	OR
EPA 1668 A	2,2',4,6,6'-PENTACHLOROBIPHENYL (BZ-104)	OR
EPA 1668 A	2,2',4-TRICHLOROBIPHENYL (BZ-17)	OR
EPA 1668 A	2,2',5,6'-TETRACHLOROBIPHENYL (BZ-53)	OR
EPA 1668 A	2,2',6,6'-TETRACHLOROBIPHENYL (BZ-54)	OR
EPA 1668 A	2,2'-DICHLOROBIPHENYL (BZ-4)	OR
EPA 1668 A	2,3',4',5'-TETRACHLOROBIPHENYL (BZ-76)	OR
EPA 1668 A	2,3',4',5-TETRACHLOROBIPHENYL (BZ-70)	OR
EPA 1668 A	2,3',4'-TRICHLOROBIPHENYL (BZ-33)	OR
EPA 1668 A	2,3',4,4',5'-PENTACHLOROBIPHENYL (BZ-123)	OR
EPA 1668 A	2,3',4,4',5-PENTACHLOROBIPHENYL (BZ-118)	OR
EPA 1668 A	2,3',4,4'-TETRACHLOROBIPHENYL (BZ-66)	OR

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,2',3,4,6,6'-HEXACHLOROBIPHENYL (BZ-145)	OR
EPA 1668 A	2,2',3,4-TETRACHLOROBIPHENYL (BZ-41)	OR
EPA 1668 A	2,2',3,5'-TETRACHLOROBIPHENYL (BZ-44)	OR
EPA 1668 A	2,2',3,5,5'-PENTACHLOROBIPHENYL (BZ-92)	OR
EPA 1668 A	2,2',3,5,6,6'-HEXACHLOROBIPHENYL (BZ-152)	OR
EPA 1668 A	2,2',3,5-TETRACHLOROBIPHENYL (BZ-43)	OR
EPA 1668 A	2,2',3,6,6'-PENTACHLOROBIPHENYL (BZ-96)	OR
EPA 1668 A	2,2',3-TRICHLOROBIPHENYL (BZ-16)	OR
EPA 1668 A	2,2',4,4',5,6'-HEXACHLOROBIPHENYL (BZ-154)	OR
EPA 1668 A	2,2',4,4',6,6'-HEXACHLOROBIPHENYL (BZ-155)	OR
EPA 1668 A	2,2',4,4'-TETRACHLOROBIPHENYL (BZ-47)	OR
EPA 1668 A	2,2',4,5'-TETRACHLOROBIPHENYL (BZ-49)	OR
EPA 1668 A	2,2',4,5,6'-PENTACHLOROBIPHENYL (BZ-102)	OR
EPA 1668 A	2,2',4,6'-TETRACHLOROBIPHENYL (BZ-51)	OR
EPA 1668 A	2,2',4,6-TETRACHLOROBIPHENYL (BZ-50)	OR
EPA 1668 A	2,2',5,5'-TETRACHLOROBIPHENYL (BZ-52)	OR
EPA 1668 A	2,2',5-TRICHLOROBIPHENYL (BZ-18)	OR
EPA 1668 A	2,2',6-TRICHLOROBIPHENYL (BZ-19)	OR
EPA 1668 A	2,3',4',5',6-PENTACHLOROBIPHENYL (BZ-125)	OR
EPA 1668 A	2,3',4',5,5'-PENTACHLOROBIPHENYL (BZ-124)	OR
EPA 1668 A	2,3',4',6-TETRACHLOROBIPHENYL (BZ-71)	OR
EPA 1668 A	2,3',4,4',5',6-HEXACHLOROBIPHENYL (BZ-168)	OR
EPA 1668 A	2,3',4,4',5,5'-HEXACHLOROBIPHENYL (BZ-167)	OR
EPA 1668 A	2,3',4,4',6-PENTACHLOROBIPHENYL (BZ-119)	OR
EPA 1668 A	2,3',4,5',6-PENTACHLOROBIPHENYL (BZ-121)	OR



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<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,3',4,5'-TETRACHLOROBIPHENYL (BZ-68)	OR
EPA 1668 A	2,3',4,5-TETRACHLOROBIPHENYL (BZ-67)	OR
EPA 1668 A	2,3',4-TRICHLOROBIPHENYL (BZ-25)	OR
EPA 1668 A	2,3',5'-TRICHLOROBIPHENYL (BZ-34)	OR
EPA 1668 A	2,3',5-TRICHLOROBIPHENYL (BZ-26)	OR
EPA 1668 A	2,3'-DICHLOROBIPHENYL (BZ-6)	OR
EPA 1668 A	2,3,3',4',5'-PENTACHLOROBIPHENYL (BZ-122)	OR
EPA 1668 A	2,3,3',4',5,5'-HEXACHLOROBIPHENYL (BZ-162)	OR
EPA 1668 A	2,3,3',4',5-PENTACHLOROBIPHENYL (BZ-107)	OR
EPA 1668 A	2,3,3',4'-TETRACHLOROBIPHENYL (BZ-56)	OR
EPA 1668 A	2,3,3',4,4',5'-HEXACHLOROBIPHENYL (BZ-157)	OR
EPA 1668 A	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL (BZ-189)	OR
EPA 1668 A	2,3,3',4,4',5-HEXACHLOROBIPHENYL (BZ-156)	OR
EPA 1668 A	2,3,3',4,4'-PENTACHLOROBIPHENYL (BZ-105)	OR
EPA 1668 A	2,3,3',4,5'-PENTACHLOROBIPHENYL (BZ-108)	OR
EPA 1668 A	2,3,3',4,5,5'-HEXACHLOROBIPHENYL (BZ-159)	OR
EPA 1668 A	2,3,3',4,5-PENTACHLOROBIPHENYL (BZ-106)	OR
EPA 1668 A	2,3,3',4-TETRACHLOROBIPHENYL (BZ-55)	OR
EPA 1668 A	2,3,3',5-TETRACHLOROBIPHENYL (BZ-58)	OR
EPA 1668 A	2,3,3',5,5'-PENTACHLOROBIPHENYL (BZ-111)	OR
EPA 1668 A	2,3,3',5-TETRACHLOROBIPHENYL (BZ-57)	OR
EPA 1668 A	2,3,3'-TRICHLOROBIPHENYL (BZ-20)	OR
EPA 1668 A	2,3,4',5-TETRACHLOROBIPHENYL (BZ-63)	OR
EPA 1668 A	2,3,4'-TRICHLOROBIPHENYL (BZ-22)	OR
EPA 1668 A	2,3,4,4',5-PENTACHLOROBIPHENYL (BZ-114)	OR
EPA 1668 A	2,3,4,4'-TETRACHLOROBIPHENYL (BZ-60)	OR

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,3',4,5,5'-PENTACHLOROBIPHENYL (BZ-120)	OR
EPA 1668 A	2,3',4,6-TETRACHLOROBIPHENYL (BZ-69)	OR
EPA 1668 A	2,3',5',6-TETRACHLOROBIPHENYL (BZ-73)	OR
EPA 1668 A	2,3',5,5'-TETRACHLOROBIPHENYL (BZ-72)	OR
EPA 1668 A	2,3',6-TRICHLOROBIPHENYL (BZ-27)	OR
EPA 1668 A	2,3,3',4',5',6-HEXACHLOROBIPHENYL (BZ-164)	OR
EPA 1668 A	2,3,3',4',5,5',6-HEPTACHLOROBIPHENYL (BZ-193)	OR
EPA 1668 A	2,3,3',4',5,6-HEXACHLOROBIPHENYL (BZ-163)	OR
EPA 1668 A	2,3,3',4',6-PENTACHLOROBIPHENYL (BZ-110)	OR
EPA 1668 A	2,3,3',4,4',5',6-HEPTACHLOROBIPHENYL (BZ-191)	OR
EPA 1668 A	2,3,3',4,4',5,5',6-OCTACHLOROBIPHENYL (BZ-205)	OR
EPA 1668 A	2,3,3',4,4',5,6-HEPTACHLOROBIPHENYL (BZ-190)	OR
EPA 1668 A	2,3,3',4,4',6-HEXACHLOROBIPHENYL (BZ-158)	OR
EPA 1668 A	2,3,3',4,5',6-HEXACHLOROBIPHENYL (BZ-161)	OR
EPA 1668 A	2,3,3',4,5,5',6-HEPTACHLOROBIPHENYL (BZ-192)	OR
EPA 1668 A	2,3,3',4,5,6-HEXACHLOROBIPHENYL (BZ-160)	OR
EPA 1668 A	2,3,3',4,6-PENTACHLOROBIPHENYL (BZ-109)	OR
EPA 1668 A	2,3,3',5',6-PENTACHLOROBIPHENYL (BZ-113)	OR
EPA 1668 A	2,3,3',5,5',6-HEXACHLOROBIPHENYL (BZ-165)	OR
EPA 1668 A	2,3,3',5,6-PENTACHLOROBIPHENYL (BZ-112)	OR
EPA 1668 A	2,3,3',6-TETRACHLOROBIPHENYL (BZ-59)	OR
EPA 1668 A	2,3,4',5,6-PENTACHLOROBIPHENYL (BZ-117)	OR
EPA 1668 A	2,3,4',6-TETRACHLOROBIPHENYL (BZ-64)	OR
EPA 1668 A	2,3,4,4',5,6-HEXACHLOROBIPHENYL (BZ-166)	OR
EPA 1668 A	2,3,4,4',6-PENTACHLOROBIPHENYL (BZ-115)	OR
EPA 1668 A	2,3,4,5,6-PENTACHLOROBIPHENYL (BZ-116)	OR

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.



Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 13460

Enthalpy Analytical LLC
1104 Windfield Way
El Dorado Hills, CA 95762

Virginia Laboratory ID: 460235
Effective Date: June 16, 2025
Expiration Date: June 14, 2026

NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,3,4,5-TETRACHLOROBIPHENYL (BZ-61)	OR
EPA 1668 A	2,3,4-TRICHLOROBIPHENYL (BZ-21)	OR
EPA 1668 A	2,3,5-TRICHLOROBIPHENYL (BZ-23)	OR
EPA 1668 A	2,3-DICHLOROBIPHENYL (BZ-5)	OR
EPA 1668 A	2,4',6-TRICHLOROBIPHENYL (BZ-32)	OR
EPA 1668 A	2,4,4',5-TETRACHLOROBIPHENYL (BZ-74)	OR
EPA 1668 A	2,4,4'-TRICHLOROBIPHENYL (BZ-28)	OR
EPA 1668 A	2,4,6-TRICHLOROBIPHENYL (BZ-30)	OR
EPA 1668 A	2,5-DICHLOROBIPHENYL (BZ-9)	OR
EPA 1668 A	2-CHLOROBIPHENYL (BZ-1)	OR
EPA 1668 A	3,3',4,4',5-PENTACHLOROBIPHENYL (BZ-126)	OR
EPA 1668 A	3,3',4,5'-TETRACHLOROBIPHENYL (BZ-79)	OR
EPA 1668 A	3,3',4,5-TETRACHLOROBIPHENYL (BZ-78)	OR
EPA 1668 A	3,3',5,5'-TETRACHLOROBIPHENYL (BZ-80)	OR
EPA 1668 A	3,3'-DICHLOROBIPHENYL (BZ-11)	OR
EPA 1668 A	3,4'-DICHLOROBIPHENYL (BZ-13)	OR
EPA 1668 A	3,4,4'-TRICHLOROBIPHENYL (BZ-37)	OR
EPA 1668 A	3,4-DICHLOROBIPHENYL (BZ-12)	OR
EPA 1668 A	3-CHLOROBIPHENYL (BZ-2)	OR
EPA 1668 A	4-CHLOROBIPHENYL (BZ-3)	OR
EPA 8290	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ O-P-DIOXIN (OCDD)	OR
EPA 8290	1,2,3,4,6,7,8-HEPTACHLORODIBENZ O-P-DIOXIN (1,2,3,4,6,7,8-HPCDD)	OR
EPA 8290	1,2,3,4,7,8,9-HEPTACHLORODIBENZ OFURAN (1,2,3,4,7,8,9-HPCDF)	OR
EPA 8290	1,2,3,4,7,8-HEXACHLORODIBENZOF URAN (1,2,3,4,7,8-HXCDF)	OR
EPA 8290	1,2,3,6,7,8-HEXACHLORODIBENZOF URAN (1,2,3,6,7,8-HXCDF)	OR
EPA 8290	1,2,3,7,8,9-HEXACHLORODIBENZOF URAN (1,2,3,7,8,9-HXCDF)	OR
EPA 8290	1,2,3,7,8-PENTACHLORODIBENZOF URAN (1,2,3,7,8-PCDF)	OR
EPA 8290	2,3,4,7,8-PENTACHLORODIBENZOF URAN	OR
EPA 8290	2,3,7,8-TETRACHLORODIBENZOFUR AN (2,3,7,8-TCDF)	OR

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1668 A	2,3,4,6-TETRACHLOROBIPHENYL (BZ-62)	OR
EPA 1668 A	2,3,5,6-TETRACHLOROBIPHENYL (BZ-65)	OR
EPA 1668 A	2,3,6-TRICHLOROBIPHENYL (BZ-24)	OR
EPA 1668 A	2,4',5-TRICHLOROBIPHENYL (BZ-31)	OR
EPA 1668 A	2,4'-DICHLOROBIPHENYL (BZ-8)	OR
EPA 1668 A	2,4,4',6-TETRACHLOROBIPHENYL (BZ-75)	OR
EPA 1668 A	2,4,5-TRICHLOROBIPHENYL (BZ-29)	OR
EPA 1668 A	2,4-DICHLOROBIPHENYL (BZ-7)	OR
EPA 1668 A	2,6-DICHLOROBIPHENYL (BZ-10)	OR
EPA 1668 A	3,3',4,4',5,5'-HEXACHLOROBIPHENY L (BZ-169)	OR
EPA 1668 A	3,3',4,4'-TETRACHLOROBIPHENYL (BZ-77)	OR
EPA 1668 A	3,3',4,5,5'-PENTACHLOROBIPHENYL (BZ-127)	OR
EPA 1668 A	3,3',4-TRICHLOROBIPHENYL (BZ-35)	OR
EPA 1668 A	3,3',5-TRICHLOROBIPHENYL (BZ-36)	OR
EPA 1668 A	3,4',5-TRICHLOROBIPHENYL (BZ-39)	OR
EPA 1668 A	3,4,4',5-TETRACHLOROBIPHENYL (BZ-81)	OR
EPA 1668 A	3,4,5-TRICHLOROBIPHENYL (BZ-38)	OR
EPA 1668 A	3,5-DICHLOROBIPHENYL (BZ-14)	OR
EPA 1668 A	4,4'-DICHLOROBIPHENYL (BZ-15)	OR
EPA 1668 A	DECACHLOROBIPHENYL (BZ-209)	OR
EPA 8290	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ OFURAN (OCDF)	OR
EPA 8290	1,2,3,4,6,7,8-HEPTACHLORODIBENZ OFURAN (1,2,3,4,6,7,8-HPCDF)	OR
EPA 8290	1,2,3,4,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,4,7,8-HXCDD)	OR
EPA 8290	1,2,3,6,7,8-HEXACHLORODIBENZO-P -DIOXIN(1,2,3,6,7,8-HXCDD)	OR
EPA 8290	1,2,3,7,8,9-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,7,8,9-HXCDD)	OR
EPA 8290	1,2,3,7,8-PENTACHLORODIBENZO-P -DIOXIN (1,2,3,7,8-PCDD)	OR
EPA 8290	2,3,4,6,7,8-HEXACHLORODIBENZOF URAN (2,3,4,6,7,8-HXCDF)	OR
EPA 8290	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN (2,3,7,8-TCDD)	OR
EPA 8290 A	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ O-P-DIOXIN (OCDD)	OR



Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 13460

Enthalpy Analytical LLC
1104 Windfield Way
El Dorado Hills, CA 95762

Virginia Laboratory ID: 460235
Effective Date: June 16, 2025
Expiration Date: June 14, 2026

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY
EPA 8290 A	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ OFURAN (OCDF)	OR
EPA 8290 A	1,2,3,4,6,7,8-HEPTACHLORODIBENZ OFURAN (1,2,3,4,6,7,8-HPCDF)	OR
EPA 8290 A	1,2,3,4,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,4,7,8-HXCDD)	OR
EPA 8290 A	1,2,3,6,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,6,7,8-HXCDD)	OR
EPA 8290 A	1,2,3,7,8,9-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,7,8,9-HXCDD)	OR
EPA 8290 A	1,2,3,7,8-PENTACHLORODIBENZO-P -DIOXIN (1,2,3,7,8-PECDD)	OR
EPA 8290 A	2,3,4,6,7,8-HEXACHLORODIBENZOF URAN (2,3,4,6,7,8-HXCDF)	OR
EPA 8290 A	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)	OR
EPA 8290 A - EXTENDED	TOTAL HEPTACHLORODIBENZO-P-DIOXIN (HPCDD, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL HEXACHLORODIBENZO-P-DIOXIN (HXCDD, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL PENTACHLORODIBENZO-P-DIOXIN (PECDD, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL TETRACHLORODIBENZO-P-DIOXIN (TCDD, TOTAL)	OR

METHOD	ANALYTE	PRIMARY
EPA 8290 A	1,2,3,4,6,7,8-HEPTACHLORODIBENZ O-P-DIOXIN (1,2,3,4,6,7,8-HPCDD)	OR
EPA 8290 A	1,2,3,4,7,8-HEPTACHLORODIBENZ OFURAN (1,2,3,4,7,8-HPCDF)	OR
EPA 8290 A	1,2,3,4,7,8-HEXACHLORODIBENZOF URAN (1,2,3,4,7,8-HXCDF)	OR
EPA 8290 A	1,2,3,6,7,8-HEXACHLORODIBENZOF URAN (1,2,3,6,7,8-HXCDF)	OR
EPA 8290 A	1,2,3,7,8,9-HEXACHLORODIBENZOF URAN (1,2,3,7,8,9-HXCDF)	OR
EPA 8290 A	1,2,3,7,8-PENTACHLORODIBENZOF URAN (1,2,3,7,8-PECDF)	OR
EPA 8290 A	2,3,4,7,8-PENTACHLORODIBENZOF URAN	OR
EPA 8290 A	2,3,7,8-TETRACHLORODIBENZOFUR AN (2,3,7,8-TCDF)	OR
EPA 8290 A - EXTENDED	TOTAL HEPTACHLORODIBENZOFURAN (HPCDF, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL HEXACHLORODIBENZOFURAN (HXCDF, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL PENTACHLORODIBENZOFURAN (PECDF, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL TETRACHLORODIBENZOFURAN (TCDF, TOTAL)	OR

SOLID AND CHEMICAL MATERIALS

METHOD	ANALYTE	PRIMARY
EPA 8290 A	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ O-P-DIOXIN (OCDD)	OR
EPA 8290 A	1,2,3,4,6,7,8-HEPTACHLORODIBENZ O-P-DIOXIN (1,2,3,4,6,7,8-HPCDD)	OR
EPA 8290 A	1,2,3,4,7,8,9-HEPTACHLORODIBENZ OFURAN (1,2,3,4,7,8,9-HPCDF)	OR
EPA 8290 A	1,2,3,4,7,8-HEXACHLORODIBENZOF URAN (1,2,3,4,7,8-HXCDF)	OR
EPA 8290 A	1,2,3,6,7,8-HEXACHLORODIBENZOF URAN (1,2,3,6,7,8-HXCDF)	OR
EPA 8290 A	1,2,3,7,8,9-HEXACHLORODIBENZOF URAN (1,2,3,7,8,9-HXCDF)	OR
EPA 8290 A	1,2,3,7,8-PENTACHLORODIBENZOF URAN (1,2,3,7,8-PECDF)	OR
EPA 8290 A	2,3,4,7,8-PENTACHLORODIBENZOF URAN	OR
EPA 8290 A	2,3,7,8-TETRACHLORODIBENZOFUR AN (2,3,7,8-TCDF)	OR

METHOD	ANALYTE	PRIMARY
EPA 8290 A	1,2,3,4,6,7,8,9-OCTACHLORODIBENZ OFURAN (OCDF)	OR
EPA 8290 A	1,2,3,4,6,7,8-HEPTACHLORODIBENZ OFURAN (1,2,3,4,6,7,8-HPCDF)	OR
EPA 8290 A	1,2,3,4,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,4,7,8-HXCDD)	OR
EPA 8290 A	1,2,3,6,7,8-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,6,7,8-HXCDD)	OR
EPA 8290 A	1,2,3,7,8,9-HEXACHLORODIBENZO-P -DIOXIN (1,2,3,7,8,9-HXCDD)	OR
EPA 8290 A	1,2,3,7,8-PENTACHLORODIBENZO-P -DIOXIN (1,2,3,7,8-PECDD)	OR
EPA 8290 A	2,3,4,6,7,8-HEXACHLORODIBENZOF URAN (2,3,4,6,7,8-HXCDF)	OR
EPA 8290 A	2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)	OR
EPA 8290 A - EXTENDED	TOTAL HEPTACHLORODIBENZO-P-DIOXIN (HPCDD, TOTAL)	OR



Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 13460

Enthalpy Analytical LLC
1104 Windfield Way
El Dorado Hills, CA 95762

Virginia Laboratory ID: 460235
Effective Date: June 16, 2025
Expiration Date: June 14, 2026

SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8290 A - EXTENDED	TOTAL HEPTACHLORODIBENZOFURAN (HPCDF, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL HEXACHLORODIBENZOFURAN (HXCDF, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL PENTACHLORODIBENZOFURAN (PECDF, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL TETRACHLORODIBENZOFURAN (TCDF, TOTAL)	OR

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8290 A - EXTENDED	TOTAL HEXACHLORODIBENZO-P-DIOXIN (HXCDD, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL PENTACHLORODIBENZO-P-DIOXIN (PCDD, TOTAL)	OR
EPA 8290 A - EXTENDED	TOTAL TETRACHLORODIBENZO-P-DIOXIN (TCDD, TOTAL)	OR