PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc.
has assessed the Organization of:

Torrent Laboratory, Inc.
1652-1654 Watson Ct, Milpitas, CA 95035

(Hereinafter called the Organization) and hereby declares that Organization has met the requirements of ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) requirements identified within the DoD/DOE Quality Systems Manual (DoD/DOE QSM) Version 6.0 December 2023 and is accredited in accordance with the:

United States Department of Defense
Environmental Laboratory Accreditation Program

(DoD-ELAP)

Environmental Testing
(As detailed in the supplement)

Accreditation claims for such activities shall only be made from the addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation Body's duty to observe and comply with the said rules.

For PJLA

Tracy Szerszen
President

Initial Accreditation Date:	*Issue Date:*	*Expiration Date*
February 01, 2022	November 22, 2024	December 31, 2026

Revision Date:
March 10, 2026

Accreditation No:	*Certificate No:*
78607	L24-887-R1

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: **www.pjlabs.com**

Certificate of Accreditation: Supplement

Torrent Laboratory, Inc.
1652-1654 Watson Ct, Milpitas, CA 95035
Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
General Chemistry	
ASTM D2216 (2010) by Gravimetry	30025106
Solid	
Moisture (Percent)	8641
EPA 1664B by Gravimetry	10261617
Aqueous	
Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	6142
n-Hexane Extractable Material (HEM) Oil & Grease (O&G)	1803
Solid	
Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	6142
n-Hexane Extractable Material (HEM) Oil & Grease (O&G)	1803
EPA 9014 by Ultraviolet-Visible (UV/VIS) Spectrophotometry	10193803
Aqueous	
Cyanide (Total)	1645
Solid	
Cyanide (Total)	1645
EPA 9040C by Ion Selective Electrode (ISE)	10244403
Aqueous	
pH	1900
EPA 9045D by Potentiometry	10198455
Solid	
pH (Corrosivity)	1625
EPA 9060A by TOC Analyzer	10244823
Aqueous	
Total Organic Carbon (TOC)	2040
Solid	
Total Organic Carbon (TOC)	2040
SM 2130B (2001) by Turbidimetry	20048219
Aqueous	
Turbidity	2055
SM 2320B by Titrimetry	20045618
Aqueous	
Alkalinity (as CaCO3)	1505
SM 2340B (2011) by Calculation	20046611
Aqueous	
Hardness (Total, as CaCO3, By Calculation)	1755

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Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
General Chemistry	
SM 2510B (2011) by Ion Selective Electrode (ISE)	20048617
Aqueous	
Specific Conductance (Conductivity)	1610
SM 2540B (2015) by Gravimetry	20049438
Aqueous	
Solids (Total, TS, Residue)	1950
SM 2540C (2015) by Gravimetry	20050435
Aqueous	
Solids (Total Dissolved, TDS, Residue, Filterable)	1955
SM 2540D (2015) by Gravimetry	20051223
Aqueous	
Solids (Total Suspended, TSS, Non-Filterable Residue)	1960
SM 2540G (2011) by Gravimetry	20052237
Solid	
Moisture (Percent)	8641
SM 4500 CN E (2016) by Colorimetry	20096439
Aqueous	
Cyanide (Total)	1645
SM 4500 NH3 D (2011) by Potentiometry	20109415
Aqueous	
Ammonia (as N)	1515
SM 4500 S2 D (2011) by Colorimetry	20125864
Aqueous	
Sulfide	2005
SM 4500-NH3 D by Ion Selective Electrode (ISE)	20109415
Solid	
Ammonia (as N)	1515
Inorganic	
EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10013806
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025

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	Code
Inorganic	
EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10013806
Aqueous	
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Nickel	1105
Phosphorous (Total)	1910
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Strontium	1160
Vanadium	1185
Zinc	1190
EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10014605
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Mercury	1095
Molybdenum	1100
Nickel	1105

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	Code
Inorganic	
EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10014605
Aqueous	
Selenium	1140
Silver	1150
Thallium	1165
Vanadium	1185
Zinc	1190
EPA 314.0 by Ion Chromatography (IC)	10277006
Aqueous	
Perchlorate	1895
EPA 314.0 MOD (TORR SOP 2352) by Ion Chromatography (IC)	10277006
Solid	
Perchlorate	1895
EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10155916
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Phosphorous (Total)	1910
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165

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	Code
Inorganic	
EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10155916
Aqueous	
Vanadium	1185
Zinc	1190
Solid	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190
EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10156420
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10156420
Aqueous	
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Mercury	1095
Molybdenum	1100
Nickel	1105
Selenium	1140
Silver	1150
Thallium	1165
Vanadium	1185
Zinc	1190
Solid	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Manganese	1090
Mercury	1095
Molybdenum	1100
Nickel	1105
Selenium	1140
Silver	1150
Thallium	1165
Vanadium	1185
Zinc	1190

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 7470A by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10165807
Aqueous	
Mercury	1095
EPA 7471B by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10166402
Solid	
Mercury	1095
EPA 9056A by Ion Chromatography (IC)	10199607
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
Solid	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
Other - Hexavalent Chromium (Cr VI) (TORR SOP 2351, EPA 7199 MOD) by Ion Chromatography and UV-visible spectrophotometry (IC, UV-Vis)	10163005
Aqueous	
Hexavalent Chromium (Cr VI)	1045
Solid	
Hexavalent Chromium (Cr VI)	1045
Organic	
AK-101 (GRO) by Gas Chromatography Mass Spectrometry (GC/MS)	90015159
Aqueous	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
Solid	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
AK-102 (DRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015206
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
AK-102 (DRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015206
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
AK-103 (RRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015400
Aqueous	
Residual Range Organics (RRO)	9506
Solid	
Residual Range Organics (RRO)	9506
ASTM D1946 by Gas Chromatography Thermal Conductivity Detector (GC/TCD)	30024454
Air	
Carbon Dioxide	3755
Carbon Monoxide	3780
Ethane	4747
Ethene	4752
Helium	1767
Hydrogen	1772
Methane	4926
Nitrogen	1843
Oxygen	3895
EPA 1633 by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10123463
Aqueous	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	9490
1H, 1H, 2H, 2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonic Acid, 8:2FTS)	6948
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 Fluorotelomersulfonic Acid, 4:2FTS)	6946
1H, 1H, 2H, 2H-Perfluorooctanesulfonic Acid (6:2 Fluorotelomersulfonic Acid, 6:2FTS)	6947
2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA, 3-Perfluoroheptyl Propanoic Acid)	9340
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	9338
4,4,5,5,6,6,6-Heptafluorohexanoi Acid (3:3 FTCA, 4,4,5,5,6,3-Perfluoropropyl Propanoic Acid, 3-Perfluoropropyl Propanoic Acid)	9353
4,8-Dioxa-3H-perfluorononanoic Acid (DONA)	6951
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9-Cl-PF3ONS)	6952
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) – GenX	9460
n-Ethylperfluorooctane Sulfonamide (EtFOSA, NEtFOSA)	9395
n-Ethylperfluorooctane sulfonamido Acetic Acid (EtFOSAA, NEtFOSAA)	4846
N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE, NEtFOSE)	9431
n-Methylperfluorooctane Sulfonamido Acetic Acid (MeFOSAA, NMeFOSAA)	4847
N-Methylperfluorooctane Sulfonamido Ethanol (MeFOSE, NMeFOSE)	6949
N-methylperfluorooctanesulfonamide (MeFOSA, NMeFOSA)	9433

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	Code
Organic	
EPA 1633 by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10123463
Aqueous	
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	6956
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	6957
Perfluoro-1-Octanesulfonamide (PFOSA)	9665
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6965
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	6966
Perfluorobutane Sulfonic Acid (PFBS)	6918
Perfluorobutanoic Acid (PFBA)	6915
Perfluorodecane Sulfonic Acid (PFDS)	6920
Perfluorodecanoic Acid (PFDA)	6905
Perfluorododecane Sulfonic Acid (PFDoS)	6923
Perfluorododecanoic Acid (PFDoA)	6903
Perfluoroheptane Sulfonic Acid (PFHpS)	9470
Perfluoroheptanoic Acid (PFHpA)	6908
Perfluorohexadecanoic Acid (PFHxDA)	6901
Perfluorohexane Sulfonic Acid (PFHxS)	6927
Perfluorohexanoic Acid (PFHxA)	6913
Perfluorononane Sulfonic Acid (PFNS)	6929
Perfluorononanoic Acid (PFNA)	6906
Perfluorooctane Sulfonamide (PFOSA, PFOSAm)	6917
Perfluorooctane Sulfonic Acid (PFOS)	6931
Perfluorooctanoic Acid (PFOA)	6912
Perfluoropentane Sulfonic Acid (PFPeS)	6934
Perfluoropentanoic Acid (PFPeA)	6914
Perfluorotetradecanoic Acid (PFTDA, PFTeDA)	6902
Perfluorotridecanoic Acid (PFTrDA)	9563
Perfluoroundecanoic Acid (PFUnA, PFUnDA)	6904
Solid	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	9490
1H, 1H, 2H, 2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonic Acid, 8:2FTS)	6948
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 Fluorotelomersulfonic Acid, 4:2FTS)	6946
1H, 1H, 2H, 2H-Perfluorooctanesulfonic Acid (6:2 Fluorotelomersulfonic Acid, 6:2FTS)	6947
2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA, 3-Perfluoroheptyl Propanoic Acid)	9340
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	9338
4,4,5,5,6,6,6-Heptafluorohexanoi Acid (3:3 FTCA, 4,4,5,5,6,3-Perfluoropropyl Propanoic Acid, 3-Perfluoropropyl Propanoic Acid)	9353
4,8-Dioxa-3H-perfluorononanoic Acid (DONA)	6951

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	Code
Organic	
EPA 1633 by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10123463
Solid	
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9-Cl-PF3ONS)	6952
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) – GenX	9460
n-Ethylperfluorooctane Sulfonamide (EtFOSA, NEtFOSA)	9395
n-Ethylperfluorooctane sulfonamido Acetic Acid (EtFOSAA, NEtFOSAA)	4846
N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE, NEtFOSE)	9431
n-Methylperfluorooctane Sulfonamido Acetic Acid (MeFOSAA, NMeFOSAA)	4847
N-Methylperfluorooctane Sulfonamido Ethanol (MeFOSE, NMeFOSE)	6949
N-methylperfluorooctanesulfonamide (MeFOSA, NMeFOSA)	9433
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	6956
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	6957
Perfluoro-1-Octanesulfonamide (PFOSA)	9665
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6965
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	6966
Perfluorobutane Sulfonic Acid (PFBS)	6918
Perfluorobutanoic Acid (PFBA)	6915
Perfluorodecane Sulfonic Acid (PFDS)	6920
Perfluorodecanoic Acid (PFDA)	6905
Perfluorododecane Sulfonic Acid (PFDoS)	6923
Perfluorododecanoic Acid (PFDoA)	6903
Perfluoroheptane Sulfonic Acid (PFHpS)	9470
Perfluoroheptanoic Acid (PFHpA)	6908
Perfluorohexadecanoic Acid (PFHxDA)	6901
Perfluorohexane Sulfonic Acid (PFHxS)	6927
Perfluorohexanoic Acid (PFHxA)	6913
Perfluorononane Sulfonic Acid (PFNS)	6929
Perfluorononanoic Acid (PFNA)	6906
Perfluorooctane Sulfonamide (PFOSA, PFOSAm)	6917
Perfluorooctane Sulfonic Acid (PFOS)	6931
Perfluorooctanoic Acid (PFOA)	6912
Perfluoropentane Sulfonic Acid (PFPeS)	6934
Perfluoropentanoic Acid (PFPeA)	6914
Perfluorotetradecanoic Acid (PFTDA, PFTeDA)	6902
Perfluorotridecanoic Acid (PFTrDA)	9563
Perfluoroundecanoic Acid (PFUnA, PFUnDA)	6904

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	Code
Organic	
EPA 1633A by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10123474
Aqueous	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	9490
1H, 1H, 2H, 2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonic Acid, 8:2FTS)	6948
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 Fluorotelomersulfonic Acid, 4:2FTS)	6946
1H, 1H, 2H, 2H-Perfluorooctanesulfonic Acid (6:2 Fluorotelomersulfonic Acid, 6:2FTS)	6947
2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA, 3-Perfluoroheptyl Propanoic Acid)	9340
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	9338
4,4,5,5,6,6,6-Heptafluorohexanoi Acid (3:3 FTCA, 4,4,5,5,6,3-Perfluoropropyl Propanoic Acid, 3-Perfluoropropyl Propanoic Acid)	9353
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	6951
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9-Cl-PF3ONS)	6952
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) – GenX	9460
n-Ethylperfluorooctane Sulfonamide (EtFOSA, NEtFOSA)	9395
n-Ethylperfluorooctane sulfonamido Acetic Acid (EtFOSAA, NEtFOSAA)	4846
N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE, NEtFOSE)	9431
n-Methylperfluorooctane Sulfonamido Acetic Acid (MeFOSAA, NMeFOSAA)	4847
N-Methylperfluorooctane Sulfonamido Ethanol (MeFOSE, NMeFOSE)	6949
N-methylperfluorooctanesulfonamide (MeFOSA, NMeFOSA)	9433
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	6956
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	6957
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6965
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	6966
Perfluorobutane Sulfonic Acid (PFBS)	6918
Perfluorobutanoic Acid (PFBA)	6915
Perfluorodecane Sulfonic Acid (PFDS)	6920
Perfluorodecanoic Acid (PFDA)	6905
Perfluorododecane Sulfonic Acid (PFDoS)	6923
Perfluorododecanoic Acid (PFDoA)	6903
Perfluoroheptane Sulfonic Acid (PFHpS)	9470
Perfluoroheptanoic Acid (PFHpA)	6908
Perfluorohexadecanoic Acid (PFHxDA)	6958
Solid	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	9490
1H, 1H, 2H, 2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonic Acid, 8:2FTS)	6948
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 Fluorotelomersulfonic Acid, 4:2FTS)	6946
1H, 1H, 2H, 2H-Perfluorooctanesulfonic Acid (6:2 Fluorotelomersulfonic Acid, 6:2FTS)	6947
2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA, 3-Perfluoroheptyl Propanoic Acid)	9340

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	Code
Organic	
EPA 1633A by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10123474
Solid	
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	9338
4,4,5,5,6,6,6-Heptafluorohexanoi Acid (3:3 FTCA, 4,4,5,5,6,3-Perfluoropropyl Propanoic Acid, 3-Perfluoropropyl Propanoic Acid)	9353
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	6951
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9-Cl-PF3ONS)	6952
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) – GenX	9460
n-Ethylperfluorooctane Sulfonamide (EtFOSA, NEtFOSA)	9395
n-Ethylperfluorooctane sulfonamido Acetic Acid (EtFOSAA, NEtFOSAA)	4846
N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE, NEtFOSE)	9431
n-Methylperfluorooctane Sulfonamido Acetic Acid (MeFOSAA, NMeFOSAA)	4847
N-Methylperfluorooctane Sulfonamido Ethanol (MeFOSE, NMeFOSE)	6949
N-methylperfluorooctanesulfonamide (MeFOSA, NMeFOSA)	9433
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	6956
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	6957
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6965
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	6966
Perfluorobutane Sulfonic Acid (PFBS)	6918
Perfluorobutanoic Acid (PFBA)	6915
Perfluorodecane Sulfonic Acid (PFDS)	6920
Perfluorodecanoic Acid (PFDA)	6905
Perfluorododecane Sulfonic Acid (PFDoS)	6923
Perfluorododecanoic Acid (PFDoA)	6903
Perfluoroheptane Sulfonic Acid (PFHpS)	9470
Perfluoroheptanoic Acid (PFHpA)	6908
Perfluorohexadecanoic Acid (PFHxDA)	6958
EPA 1668B MOD (TORR SOP 2333) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052235
Aqueous	
PCB-1 (2-Chlorobiphenyl (BZ-1), 2-Monochlorobiphenyl)	8915
PCB-10 (2,6-Dichlorobiphenyl)	9259
PCB-101 (2,2',4,5,5'-Pentachlorobiphenyl)	8980
PCB-104 (2,2',4,6,6'-Pentachlorobiphenyl)	9182
PCB-105 (2,3,3',4,4'-Pentachlorobiphenyl)	8985
PCB-110 (2,3,3',4',6-Pentachlorobiphenyl)	8990
PCB-114 (2,3,4,4',5-Pentachlorobiphenyl)	9005
PCB-118 (2,3',4,4',5-Pentachlorobiphenyl)	8995
PCB-119 (2,3',4,4',6-Pentachlorobiphenyl)	9220

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 1668B MOD (TORR SOP 2333) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052235
Aqueous	
PCB-123 (2,3',4,4',5'-Pentachlorobiphenyl)	9000
PCB-126 (3,3',4,4',5-Pentachlorobiphenyl)	9015
PCB-128 (2,2',3,3',4,4'-Hexachlorobiphenyl)	9020
PCB-129 (2,2',3,3',4,5-Hexachlorobiphenyl)	9026
PCB-135 (2,2',3,3',5,6'-Hexachlorobiphenyl)	9127
PCB-137 (2,2',3,4,4',5-Hexachlorobiphenyl)	9138
PCB-138 (2,2',3,4,4',5'-Hexachlorobiphenyl)	9025
PCB-141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	9030
PCB-149 (2,2',3,4',5',6-Hexachlorobiphenyl)	9151
PCB-15 (4,4'-Dichlorobiphenyl)	9273
PCB-151 (2,2',3,5,5',6-Hexachlorobiphenyl)	9035
PCB-153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	9040
PCB-155 (2,2',4,4',6,6'-Hexachlorobiphenyl)	9176
PCB-156 (2,3,3',4,4',5-Hexachlorobiphenyl)	9050
PCB-157 (2,3,3',4,4',5'-Hexachlorobiphenyl)	9046
PCB-158 (2,3,3',4,4',6-Hexachlorobiphenyl)	9193
PCB-16 (2,2',3-Trichlorobiphenyl)	9173
PCB-167 (2,3',4,4',5,5'-Hexachlorobiphenyl)	9055
PCB-168 (2,3',4,4',5',6-Hexachlorobiphenyl)	9218
PCB-169 (3,3',4,4',5,5'-Hexachlorobiphenyl)	9060
PCB-170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	9065
PCB-171 (2,2',3,3',4,4',6-Heptachlorobiphenyl)	9106
PCB-174 (2,2',3,3',4,5,6'-Heptachlorobiphenyl)	9116
PCB-177 (2,2',3,3',4,5',6'-Heptachlorobiphenyl)	9114
PCB-178 (2,2',3,3',5,5',6-Heptachlorobiphenyl)	9124
PCB-18 (2,2',5-Trichlorobiphenyl)	8930
PCB-180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	9134
PCB-183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	9075
PCB-187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	9080
PCB-188 (2,2',3,4',5,6,6'-Heptachlorobiphenyl)	9146
PCB-189 (2,3,3',4,4',5,5'-Heptachlorobiphenyl)	9085
PCB-19 (2,2',6-Trichlorobiphenyl)	9188
PCB-191 (2,3,3',4,4',5',6-Heptachlorobiphenyl)	9192
PCB-193 (2,3,3',4',5,5',6-Heptachlorobiphenyl)	9195
PCB-194 (2,2',3,3',4,4',5,5'-Octachlorobiphenyl)	9090
PCB-199 (2,2',3,3',4,5,5',6'-Octachlorobiphenyl)	9108

Torrent Laboratory, Inc.

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	Code
Organic	
EPA 1668B MOD (TORR SOP 2333) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052235
Aqueous	
PCB-200 (2,2',3,3',4,5,6,6'-Octachlorobiphenyl)	9111
PCB-201 (2,2',3,3',4,5',6,6'-Octachlorobiphenyl)	9112
PCB-202 (2,2',3,3',5,5',6,6'-Octachlorobiphenyl)	9123
PCB-203 (2,2',3,4,4',5,5',6-Octachlorobiphenyl) 9133	9133
PCB-205 (2,3,3',4,4',5,5',6-Octachlorobiphenyl) 9190	9190
PCB-206 (2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)	9095
PCB-207 (2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl)	9101
PCB-208 (2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl)	9107
PCB-209 (2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl)	9105
PCB-22 (2,3,4'-Trichlorobiphenyl)	9241
PCB-28 (2,4,4'-Trichlorobiphenyl)	9252
PCB-3 (4-Chlorobiphenyl, 4-Monochlorobiphenyl)	9274
PCB-31 (2,4',5-Trichlorobiphenyl)	8940
PCB-33 (2,3',4'-Trichlorobiphenyl)	9239
PCB-37 (3,4,4'-Trichlorobiphenyl)	9266
PCB-4 (2,2'-Dichlorobiphenyl)	9189
PCB-40 (2,2',3,3'-Tetrachlorobiphenyl)	9132
PCB-41 (2,2',3,4-Tetrachlorobiphenyl)	9163
PCB-44 (2,2',3,5'-Tetrachlorobiphenyl)	8945
PCB-49 (2,2',4,5'-Tetrachlorobiphenyl)	8950
PCB-52 (2,2',5,5'-Tetrachlorobiphenyl)	8955
PCB-54 (2,2',6,6'-Tetrachlorobiphenyl)	9187
PCB-6 (2,3'-Dichlorobiphenyl)	9249
PCB-60 (2,3,4,4'-Tetrachlorobiphenyl)	9221
PCB-66 (2,3',4,4'-Tetrachlorobiphenyl)	8960
PCB-70 (2,3',4',5-Tetrachlorobiphenyl)	9230
PCB-74 (2,4,4',5-Tetrachlorobiphenyl)	9250
PCB-77 (3,3',4,4'-Tetrachlorobiphenyl)	8965
PCB-8 (2,4'-Dichlorobiphenyl)	9256
PCB-81 (3,4,4',5-Tetrachlorobiphenyl)	8970
PCB-84 (2,2',3,3',6-Pentachlorobiphenyl)	9131
PCB-85 (2,2',3,4,4'-Pentachlorobiphenyl)	9142
PCB-87 (2,2',3,4,5'-Pentachlorobiphenyl)	8975
PCB-90 (2,2',3,4',5-Pentachlorobiphenyl)	9155
PCB-95 (2,2',3,5',6-Pentachlorobiphenyl)	9166
PCB-97 (2,2',3,4',5'-Pentachlorobiphenyl)	9154

Certificate of Accreditation: Supplement

Torrent Laboratory, Inc.
1652-1654 Watson Ct, Milpitas, CA 95035
Contact Name: Jani Mukesh Phone: 408-263-5258

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	Code
Organic	
EPA 1668B MOD (TORR SOP 2333) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052235
Aqueous	
PCB-99 (2,2',4,4',5-Pentachlorobiphenyl)	9175
Solid	
PCB-1 (2-Chlorobiphenyl (BZ-1), 2-Monochlorobiphenyl)	8915
PCB-10 (2,6-Dichlorobiphenyl)	9259
PCB-101 (2,2',4,5,5'-Pentachlorobiphenyl)	8980
PCB-104 (2,2',4,6,6'-Pentachlorobiphenyl)	9182
PCB-105 (2,3,3',4,4'-Pentachlorobiphenyl)	8985
PCB-110 (2,3,3',4',6-Pentachlorobiphenyl)	8990
PCB-114 (2,3,4,4',5-Pentachlorobiphenyl)	9005
PCB-118 (2,3',4,4',5-Pentachlorobiphenyl)	8995
PCB-119 (2,3',4,4',6-Pentachlorobiphenyl)	9220
PCB-123 (2,3',4,4',5'-Pentachlorobiphenyl)	9000
PCB-126 (3,3',4,4',5-Pentachlorobiphenyl)	9015
PCB-128 (2,2',3,3',4,4'-Hexachlorobiphenyl)	9020
PCB-129 (2,2',3,3',4,5-Hexachlorobiphenyl)	9026
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PCB-138 (2,2',3,4,4',5'-Hexachlorobiphenyl)	9025
PCB-141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	9030
PCB-149 (2,2',3,4',5',6-Hexachlorobiphenyl)	9151
PCB-15 (4,4'-Dichlorobiphenyl)	9273
PCB-151 (2,2',3,5,5',6-Hexachlorobiphenyl)	9035
PCB-153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	9040
PCB-155 (2,2',4,4',6,6'-Hexachlorobiphenyl)	9176
PCB-156 (2,3,3',4,4',5-Hexachlorobiphenyl)	9050
PCB-157 (2,3,3',4,4',5'-Hexachlorobiphenyl)	9046
PCB-158 (2,3,3',4,4',6-Hexachlorobiphenyl)	9193
PCB-16 (2,2',3-Trichlorobiphenyl)	9173
PCB-167 (2,3',4,4',5,5'-Hexachlorobiphenyl)	9055
PCB-168 (2,3',4,4',5',6-Hexachlorobiphenyl)	9218
PCB-169 (3,3',4,4',5,5'-Hexachlorobiphenyl)	9060
PCB-170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	9065
PCB-171 (2,2',3,3',4,4',6-Heptachlorobiphenyl)	9106
PCB-174 (2,2',3,3',4,5,6'-Heptachlorobiphenyl)	9116
PCB-177 (2,2',3,3',4,5',6'-Heptachlorobiphenyl)	9114
PCB-178 (2,2',3,3',5,5',6-Heptachlorobiphenyl)	9124

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 1668B MOD (TORR SOP 2333) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052235
Solid	
PCB-18 (2,2',5-Trichlorobiphenyl)	8930
PCB-180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	9134
PCB-183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	9075
PCB-187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	9080
PCB-188 (2,2',3,4',5,6,6'-Heptachlorobiphenyl)	9146
PCB-189 (2,3,3',4,4',5,5'-Heptachlorobiphenyl)	9085
PCB-19 (2,2',6-Trichlorobiphenyl)	9188
PCB-191 (2,3,3',4,4',5',6-Heptachlorobiphenyl)	9192
PCB-193 (2,3,3',4',5,5',6-Heptachlorobiphenyl)	9195
PCB-194 (2,2',3,3',4,4',5,5'-Octachlorobiphenyl)	9090
PCB-199 (2,2',3,3',4,5,5',6'-Octachlorobiphenyl)	9108
PCB-200 (2,2',3,3',4,5,6,6'-Octachlorobiphenyl)	9111
PCB-201 (2,2',3,3',4,5',6,6'-Octachlorobiphenyl)	9112
PCB-202 (2,2',3,3',5,5',6,6'-Octachlorobiphenyl)	9123
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PCB-207 (2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl)	9101
PCB-208 (2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl)	9107
PCB-209 (2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl)	9105
PCB-22 (2,3,4'-Trichlorobiphenyl)	9241
PCB-28 (2,4,4'-Trichlorobiphenyl)	9252
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PCB-33 (2,3',4'-Trichlorobiphenyl)	9239
PCB-37 (3,4,4'-Trichlorobiphenyl)	9266
PCB-4 (2,2'-Dichlorobiphenyl)	9189
PCB-40 (2,2',3,3'-Tetrachlorobiphenyl)	9132
PCB-41 (2,2',3,4-Tetrachlorobiphenyl)	9163
PCB-44 (2,2',3,5'-Tetrachlorobiphenyl)	8945
PCB-49 (2,2',4,5'-Tetrachlorobiphenyl)	8950
PCB-52 (2,2',5,5'-Tetrachlorobiphenyl)	8955
PCB-54 (2,2',6,6'-Tetrachlorobiphenyl)	9187
PCB-6 (2,3'-Dichlorobiphenyl)	9249
PCB-60 (2,3,4,4'-Tetrachlorobiphenyl)	9221
PCB-66 (2,3',4,4'-Tetrachlorobiphenyl)	8960

Certificate of Accreditation: Supplement

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1652-1654 Watson Ct, Milpitas, CA 95035
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	Code
Organic	
EPA 1668B MOD (TORR SOP 2333) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052235
Solid	
PCB-70 (2,3',4',5-Tetrachlorobiphenyl)	9230
PCB-74 (2,4,4',5-Tetrachlorobiphenyl)	9250
PCB-77 (3,3',4,4'-Tetrachlorobiphenyl)	8965
PCB-8 (2,4'-Dichlorobiphenyl)	9256
PCB-81 (3,4,4',5-Tetrachlorobiphenyl)	8970
PCB-84 (2,2',3,3',6-Pentachlorobiphenyl)	9131
PCB-85 (2,2',3,4,4'-Pentachlorobiphenyl)	9142
PCB-87 (2,2',3,4,5'-Pentachlorobiphenyl)	8975
PCB-90 (2,2',3,4',5-Pentachlorobiphenyl)	9155
PCB-95 (2,2',3,5',6-Pentachlorobiphenyl)	9166
PCB-97 (2,2',3,4',5'-Pentachlorobiphenyl)	9154
PCB-99 (2,2',4,4',5-Pentachlorobiphenyl)	9175
EPA 6850 by Liquid Chromatography Mass Spectrometry (LC/MS)	10304606
Aqueous	
Perchlorate	1895
Solid	
Perchlorate	1895
EPA 8015C by Gas Chromatography Flame Ionization Detection (GC/FID)	10173816
Aqueous	
Oil Range Organics (ORO)	6748
Residual Range Organics (RRO)	9506
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Oil Range Organics (ORO)	6748
Residual Range Organics (RRO)	9506
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)	10178811
Aqueous	
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115

Torrent Laboratory, Inc.

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	Code
Organic	
EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)	10178811
Aqueous	
Chlordane	7328
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (γ-BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245
Heptachlor	7685
Heptachlor Epoxide	7690
Methoxychlor	7810
Toxaphene (Total)	8250
Solid	
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
Chlordane	7328
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (γ-BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245
Heptachlor	7685
Heptachlor Epoxide	7690

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	Code
Organic	
EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)	10178811
Solid	
Methoxychlor	7810
Toxaphene (Total)	8250
EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD)	10179201
Aqueous	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
Solid	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloro-2-Propanone	7450
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4,5-Tetrachlorobenzene	6715
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570

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	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloroethene (Total, cis & trans)	4705
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene	4615
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,3-Dichloropropene	4675
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Chlorobutane	4480
1-Chlorohexane	4510
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene	4540
4-Isopropyltoluene (p-Cymene)	4910
4-Methyl-2-Pentanone (MIBK)	4995
Acetone	4315
Acetonitrile	4320
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Bromomethane (Methyl Bromide)	4950
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475

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	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Cyclohexanone	4560
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Dichlorofluoromethane (Freon 21)	4627
Di-Isopropylether (DIPE, Propane)	9375
Ethylbenzene	4765
Ethyl-tert-Butylether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Hexachloro-1,3-Butadiene	4835
Hexachlorobutadiene	4835
Hexachloroethane	4840
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl tert-Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butyl Alcohol (1-Butanol, n-Butanol)	4425
n-Butylbenzene	4435
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butylbenzene	4445
Tetrachloroethene	5115
Toluene	5140
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
trans-1,4-Dichloro-2-Butene	4605

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	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
Solid	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloro-2-Propanone	7450
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4,5-Tetrachlorobenzene	6715
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloroethene (Total, cis & trans)	4705
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene	4615
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,3-Dichloropropene	4675
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Chlorobutane	4480
1-Chlorohexane	4510
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Solid	
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene	4540
4-Isopropyltoluene (p-Cymene)	4910
4-Methyl-2-Pentanone (MIBK)	4995
Acetone	4315
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Bromomethane (Methyl Bromide)	4950
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Cyclohexanone	4560
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Dichlorofluoromethane (Freon 21)	4627
Di-Isopropylether (DIPE, Propane)	9375
Ethylbenzene	4765
Ethyl-tert-Butylether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Hexachloro-1,3-Butadiene	4835
Hexachlorobutadiene	4835
Hexachloroethane	4840
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Solid	
Methyl tert-Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butyl Alcohol (1-Butanol, n-Butanol)	4425
n-Butylbenzene	4435
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butylbenzene	4445
Tetrachloroethene	5115
Toluene	5140
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
trans-1,4-Dichloro-2-Butene	4605
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4,5-Tetrachlorobenzene	6715
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Aqueous	
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloroethene (Total, cis & trans)	4705
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene	4540
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetonitrile	4320
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Bromomethane (Methyl Bromide)	4950
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Aqueous	
cis-1,3-Dichloropropene	4680
Cyclohexanone	4560
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Dichlorofluoromethane (Freon 21)	4627
Di-Isopropylether (DIPE)	9375
Ethyl tert Butyl Ether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Ethylbenzene	4765
Hexachlorobutadiene	4835
Hexachloroethane	4840
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert-Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Stryene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butyl Alcohol (TBA, 2-Methyl-2-Propanol, t-Butanol)	4420
tert-Butylbenzene	4445
Tetrachloroethene	5115
Tetrachloroethene (Perchloroethene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
Solid	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Solid	
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4,5-Tetrachlorobenzene	6715
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloroethene (Total, cis & trans)	4705
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene	4615
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropene (Total, cis & trans)	4675
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Butanol (n-Butanol)	9321
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene	4540
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetonitrile	4320
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Solid	
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Bromomethane (Methyl Bromide)	4950
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexanone	4560
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Dichlorofluoromethane (Freon 21)	4627
Di-Isopropylether (DIPE)	9375
Ethyl Ether	NC
Ethyl tert Butyl Ether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Ethylbenzene	4765
Hexachlorobutadiene	4835
Hexachloroethane	4840
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Stryene	5100

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Solid	
tert-Amyl Methyl Ether (TAME)	4370
tert-Butyl Alcohol (TBA, 2-Methyl-2-Propanol, t-Butanol)	4420
tert-Butylbenzene	4445
Tetrachloroethene	5115
Tetrachloroethene (Perchloroethene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,2-Dinitrobenzene (1,2-DNB)	6155
1,2-Diphenylhydrazine (as Azobenzene)	6220
1,3-Dichlorobenzene	4615
1,4-Dichlorobenzene	4620
1,4-Dinitrobenzene (1,4-DNB)	6165
1-Chloronaphthalene	5790
1-Methylnaphthalene	6380
2,2-Oxybis(2-Chloropropane) (Bis(2-Chloroisopropyl)ether)	5780
2,3,4,6-Tetrachlorophenol	6735
2,3,5,6-Tetrachlorophenol	6740
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dichlorophenol	6005
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800

Certificate of Accreditation: Supplement

Torrent Laboratory, Inc.
1652-1654 Watson Ct, Milpitas, CA 95035
Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3´-Dichlorobenzidine	5945
3+4-Methylphenol (m+p Cresol)	6412
3-Nitroaniline	6465
4,6-Dinitro-2-Methylphenol (Dinitro-o-Cresol)	6360
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3,4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Azobenzene (1,2-Diphenylhydrazine)	5562
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
Biphenyl	5640
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)ether	5765
bis(2-ethylhexy)phthalate (DEHP)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Chrysene	5855

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodiethylamine	6525
n-Nitrosodimethylamine	6530
n-Nitroso-di-n-Butylamine	5025
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
n-Nitrosodiphenylamine + Diphenylamine	6535
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095
Solid	
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,2-Dinitrobenzene (1,2-DNB)	6155
1,2-Diphenylhydrazine (as Azobenzene)	6220
1,3-Dichlorobenzene	4615
1,4-Dichlorobenzene	4620
1,4-Dinitrobenzene (1,4-DNB)	6165
1-Chloronaphthalene	5790

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Solid	
1-Methylnaphthalene	6380
2,2-Oxybis(2-Chloropropane) (Bis(2-Chloroisopropyl)ether)	5780
2,3,4,6-Tetrachlorophenol	6735
2,3,5,6-Tetrachlorophenol	6740
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dichlorophenol	6005
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3′-Dichlorobenzidine	5945
3+4-Methylphenol (m+p Cresol)	6412
3-Nitroaniline	6465
4,6-Dinitro-2-Methylphenol (Dinitro-o-Cresol)	6360
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3,4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Azobenzene (1,2-Diphenylhydrazine)	5562
Benzidine	5595

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Solid	
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
Biphenyl	5640
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)ether	5765
bis(2-ethylhexy)phthalate (DEHP)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Chrysene	5855
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodiethylamine	6525
n-Nitrosodimethylamine	6530
n-Nitroso-di-n-Butylamine	5025
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
n-Nitrosodiphenylamine + Diphenylamine	6535

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Solid	
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095
EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10242565
Aqueous	
Butifos (DEF)	7165
1-Methylnaphthalene	6380
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol, Dinitro-o-Cresol)	6360
2-Methylnaphthalene	6385
Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Azinphos-methyl (Guthion)	7075
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
bis(2-Chloroethyl)ether	5765
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) Phthalate)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Carbophenothion	7220
Chlorpyrifos (Dursban)	7300
Chrysene	5855
Coumaphos	7315
Demeton (Systox)	7385
Demeton-o	7395
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10242565
Aqueous	
Dichlorvos (DDVP)	8610
Diethyl Phthalate	6070
Dimethoate	7475
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Disulfoton	8625
EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550
Ethion	7565
Ethoprop (Ethoprophos)	7570
Fensulfothion	7600
Fenthion	7605
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Indeno(1,2,3,cd)Pyrene	6315
Indeno(1,2,3-cd)Pyrene	6315
Kepone	7740
Malathion	7770
Methyl Parathion	7825
Naled	7905
Naphthalene	5005
Parathion (Ethyl)	7955
Pentachlorophenol (PCP)	6605
Perylene	6608
Phenanthrene	6615
Phorate	7985
Phosmet (Imidan)	8000
Pyrene	6665
Ronnel	8110
Stirophos (tetrachlorovinphos)	8200
Sulfotepp	NC
Sulprofos (Bolstar)	7125
Terbufos	8185
Tetraethyl pyrophosphate (TEPP)	8210
Tokuthion (Prothiophos)	8245

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10242565
Aqueous	
Trichloronate	8275
Solid	
Butifos (DEF)	7165
1-Methylnaphthalene	6380
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol, Dinitro-o-Cresol)	6360
2-Methylnaphthalene	6385
Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Azinphos-methyl (Guthion)	7075
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
bis(2-Chloroethyl)ether	5765
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) Phthalate)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Carbophenothion	7220
Chlorpyrifos (Dursban)	7300
Chrysene	5855
Coumaphos	7315
Demeton (Systox)	7385
Demeton-o	7395
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Dichlorvos (DDVP)	8610
Diethyl Phthalate	6070
Dimethoate	7475
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925

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	Code
Organic	
EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10242565
Solid	
di-n-Octyl Phthalate	6200
Disulfoton	8625
EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550
Ethion	7565
Ethoprop (Ethoprophos)	7570
Fensulfothion	7600
Fenthion	7605
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Indeno(1,2,3,cd)Pyrene	6315
Indeno(1,2,3-cd)Pyrene	6315
Kepone	7740
Malathion	7770
Methyl Parathion	7825
Naled	7905
Naphthalene	5005
Parathion (Ethyl)	7955
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phorate	7985
Phosmet (Imidan)	8000
Pyrene	6665
Ronnel	8110
Stirophos (tetrachlorovinphos)	8200
Sulfotepp	NC
Sulprofos (Bolstar)	7125
Terbufos	8185
Tetraethyl pyrophosphate (TEPP)	8210
Tokuthion (Prothiophos)	8245
Trichloronate	8275
EPA 8290A MOD (TORR SOP 2330) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052155
Aqueous	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420

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	Code
Organic	
EPA 8290A MOD (TORR SOP 2330) by Gas Chromatography Tandem Mass Spectrometry (GC/MS/MS)	60052155
Aqueous	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF)	9480
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549
2,3,7,8-Tetrachlorodibenzofuran (2,3,7,8-TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
Solid	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF)	9480
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549
2,3,7,8-Tetrachlorodibenzofuran (2,3,7,8-TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
EPA 8321B MOD (TORR SOP 2326) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10189205
Aqueous	
2,4,5-T	8655
2,4-DB	8560

Torrent Laboratory, Inc.

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Contact Name: Jani Mukesh Phone: 408-263-5258

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	Code
Organic	
EPA 8321B MOD (TORR SOP 2326) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	10189205
Aqueous	
2,4-Dichlorophenoxyacetic Acid (2,4-D)	8545
3,5-Dichlorobenzoic Acid (3,5-DCBA)	8600
4-Nitrophenol	6500
Aciflurofen	8505
Bentazone	8530
Chloramben	8540
Dalapon	8555
Dicamba	8595
Dichloroprop (2,4-DP)	8605
Dinoseb (2-sec-Butyl-4,6-Dinitrophenol, DNBP)	8620
MCPA	7775
MCPP	7780
Pentachlorophenol (PCP)	6605
Picloram	8645
Silvex (2,4,5-TP)	8650
Solid	
2,4,5-T	8655
2,4-DB	8560
2,4-Dichlorophenoxyacetic Acid (2,4-D)	8545
3,5-Dichlorobenzoic Acid (3,5-DCBA)	8600
4-Nitrophenol	6500
Aciflurofen	8505
Bentazone	8530
Chloramben	8540
Dalapon	8555
Dicamba	8595
Dichloroprop (2,4-DP)	8605
Dinoseb (2-sec-Butyl-4,6-Dinitrophenol, DNBP)	8620
MCPA	7775
MCPP	7780
Pentachlorophenol (PCP)	6605
Picloram	8645
Silvex (2,4,5-TP)	8650
EPA 8330A by High Performance Liquid Chromatography (HPLC)	10190008
Aqueous	
1,3,5-Trinitrobenzene (1,3,5-TNB)	6885

Torrent Laboratory, Inc.

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	Code
Organic	
EPA 8330A by High Performance Liquid Chromatography (HPLC)	10190008
Aqueous	
1,3-Dinitrobenzene (1,3-DNB)	6160
2,4,6-Trinitrotoluene (2,4,6-TNT)	9651
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Amino-4,6-Dinitrotoluene (2-Am-DNT)	9303
2-Nitrotoluene (2-NT)	9507
3-Nitrotoluene (3-NT)	9510
4-Amino-2,6-Dinitrotoluene (4-Am-DNT)	9306
4-Nitrotoluene (4-NT)	9513
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	9432
Methyl-2,4,6-Trinitrophenylnitramine (Tetryl)	6415
Nitrobenzene	5015
Nitroglycerin	6485
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	9522
Pentaerythritoltetranitrate (PETN)	9558
EPA 8330B by High Performance Liquid Chromatography (HPLC)	10308006
Aqueous	
1,3,5-Trinitrobenzene (1,3,5-TNB)	6885
1,3-Dinitrobenzene (1,3-DNB)	6160
2,4,6-Trinitrotoluene (2,4,6-TNT)	9651
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Amino-4,6-Dinitrotoluene (2-Am-DNT)	9303
2-Nitrotoluene (2-NT)	9507
3-Nitrotoluene (3-NT)	9510
4-Amino-2,6-Dinitrotoluene (4-Am-DNT)	9306
4-Nitrotoluene (4-NT)	9513
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	9432
Methyl-2,4,6-Trinitrophenylnitramine (Tetryl)	6415
Nitrobenzene	5015
Nitroglycerin	6485
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	9522
Pentaerythritoltetranitrate (PETN)	9558
Solid	
1,3,5-Trinitrobenzene (1,3,5-TNB)	6885
1,3-Dinitrobenzene (1,3-DNB)	6160

Torrent Laboratory, Inc.

1652-1654 Watson Ct, Milpitas, CA 95035

Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8330B by High Performance Liquid Chromatography (HPLC)	10308006
Solid	
2,4,6-Trinitrotoluene (2,4,6-TNT)	9651
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Amino-4,6-Dinitrotoluene (2-Am-DNT)	9303
2-Nitrotoluene (2-NT)	9507
3-Nitrotoluene (3-NT)	9510
4-Amino-2,6-Dinitrotoluene (4-Am-DNT)	9306
4-Nitrotoluene (4-NT)	9513
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	9432
Methyl-2,4,6-Trinitrophenylnitramine (Tetryl)	6415
Nitrobenzene	5015
Nitroglycerin	6485
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	9522
Pentaerythritoltetranitrate (PETN)	9558
EPA TO-10A MOD (TORR SOP 2325) by Gas Chromatography Electron Capture Detector (GC/ECD)	10247504
Air	
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540

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	Code
Organic	
EPA TO-10A MOD (TORR SOP 2325) by Gas Chromatography Electron Capture Detector (GC/ECD)	10247504
Air	
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (γ-BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245
Heptachlor	7685
Heptachlor Epoxide	7690
Methoxychlor	7810
EPA TO-13A MOD (TORR SOP 2324) by Gas Chromatography Mass Spectrometry (GC/MS)	10248405
Air	
1-Methylnaphthalene	6380
2-Methylnaphthalene	6385
Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Chrysene	5855
Dibenz(a,h)Anthracene	5895
Fluoranthene	6265
Fluorene	6270
Indeno(1,2,3-cd)Pyrene	6315
Naphthalene	5005
Phenanthrene	6615
Pyrene	6665
EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)	10248803
Air	
1,1,1,2-Tetrachloroethane	5105
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Difluoroethane	4633

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	Code
Organic	
EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)	10248803
Air	
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichloro-1,1,2,2-Tetrafluoroethane (Freon 114, 1,2-Dichlorotetrafluoroethane)	4695
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Butadiene	9318
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Ethyltoluene (p-Ethyltoluene, 1-Ethyl-4-Methylbenzene)	4542
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Benzene	4375
Bromodichloromethane	4395
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dichlorodifluoromethane (Freon 12)	4625
Di-Isopropylether (DIPE, Propane)	9375
Ethyl Acetate	4755
Ethyl tert Butyl Ether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Ethylbenzene	4765
Hexachlorobutadiene	4835
Hexane	4850
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895

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	Code
Organic	
EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)	10248803
Air	
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
o-Xylene (1,2-Xylene)	5250
Styrene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butyl Alcohol (TBA, 2-Methyl-2-Propanol, t-Butanol)	4420
Tetrachloroethene (Perchloroethene, PCE)	5115
Tetrahydrofuran (THF)	5120
Toluene	5140
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10248858
Air	
1,1,1,2-Tetrachloroethane	5105
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Difluoroethane	4633
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichloro-1,1,2,2-Tetrafluoroethane (Freon 114, 1,2-Dichlorotetrafluoroethane)	4695
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655

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	Code
Organic	
EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10248858
Air	
1,3,5-Trimethylbenzene	5215
1,3-Butadiene	9318
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
2-Butanone (Methyl ethyl ketone, MEK)	4410
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Ethyltoluene (p-Ethyltoluene, 1-Ethyl-4-Methylbenzene)	4542
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Benzene	4375
Bromodichloromethane	4395
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dichlorodifluoromethane (Freon 12)	4625
Di-Isopropylether (DIPE, Propane)	9375
Ethyl Acetate	4755
Ethyl tert Butyl Ether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Ethylbenzene	4765
Hexachlorobutadiene	4835
Hexane	4850
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
o-Xylene (1,2-Xylene)	5250

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Torrent Laboratory, Inc.
1652-1654 Watson Ct, Milpitas, CA 95035
Contact Name: Jani Mukesh Phone: 408-263-5258

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10248858
Air	
Styrene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butyl Alcohol (TBA, 2-Methyl-2-Propanol, t-Butanol)	4420
Tetrachloroethene (Perchloroethene, PCE)	5115
Tetrahydrofuran (THF)	5120
Toluene	5140
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235

Preparation	
Aqueous	
EPA 3010A	Acid Digestion for Total Metals (Hot Block)
EPA 3510C	Separatory Funnel Liquid-Liquid Extraction
EPA 5030	Purge-and-Trap for Volatile Organics in Aqueous Samples
SM 4500-CN B	Cyanide (Total and Amenable) Distillation
SW 9010C	Cyanide (Total and Amenable) Distillation
Solid	
EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)
EPA 3050B	Acid Digestion for Metals (Hot Block)
EPA 3546	Microwave Extraction (Organics)
EPA 5035	Purge-and-Trap and Extraction For Volatile Organics (Closed-System)
EPA 9010	Cyanide (Total and Amenable) Distillation
HEER Guidance (2016)	Incremental Sampling Methodology (ISM) Soil Preparation - Large Mass
QSM V5.4 Table B-23 (TORR SOP 2331)	Incremental Sampling Methodology (ISM) Soil Preparation - Large Mass
TORR SOP 2378	Bio-accessible Arsenic and Lead Preparation from TORR SOP Micro-9170
TORR SOP 9170	Preparation of In-vitro Bio Accessible Assay

Footnotes:
> Method codes are typically based on The NELAC Institute (TNI) Laboratory Accreditation Management System (LAMS) and are used to compare to the laboratory reported Performance Test (PT) results. Although the method code may not represent the specific method version, it is the method code used to represent the method/technology used to report PTs. (NC = No Code)