



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

***Torrent Laboratory, Inc.***  
***483 Sinclair Frontage Road, 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 U.S. Department of Energy (DOE) Consolidated Audit Program (DOECAP) 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 Energy Consolidated Audit Program-Accreditation Program (DOECAP-AP)**

This accreditation demonstrates the technical competence for the defined scope and the operation of a laboratory quality management system  
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

### ***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

*Initial Accreditation Date:*

February 01, 2022

*Issue Date:*

November 22, 2024

*Expiration Date*

December 31, 2026

Tracy Szorszen  
President

*Accreditation No.:*

78607

*Certificate No.:*

L24-888

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.pjllabs.com](http://www.pjllabs.com)



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, 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

<b>ASTM D2216 (2010) by Gravimetry</b>	30025106
<b>Solid</b>	
Moisture (Percent)	8641
<b>EPA 1664B by Gravimetry</b>	10261617
<b>Aqueous</b>	
Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	6142
n-Hexane Extractable Material (HEM) Oil & Grease (O&G)	1803
<b>Solid</b>	
Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	6142
n-Hexane Extractable Material (HEM) Oil & Grease (O&G)	1803
<b>EPA 9014 by Ultraviolet-Visible (UV/VIS) Spectrophotometry</b>	10193803
<b>Aqueous</b>	
Cyanide (Total)	1645
<b>Solid</b>	
Cyanide (Total)	1645
<b>EPA 9040C by Ion Selective Electrode (ISE)</b>	10244403
<b>Aqueous</b>	
pH	1900
<b>EPA 9045D by Potentiometry</b>	10198455
<b>Solid</b>	
pH (Corrosivity)	1625
<b>EPA 9060A by TOC Analyzer</b>	10244823
<b>Aqueous</b>	
Total Organic Carbon (TOC)	2040
<b>Solid</b>	
Total Organic Carbon (TOC)	2040
<b>SM 2130B (2001) by Turbidimetry</b>	20048219
<b>Aqueous</b>	
Turbidity	2055
<b>SM 2320B by Titrimetry</b>	20045618
<b>Aqueous</b>	
Alkalinity (as CaCO <sub>3</sub> )	1505
<b>SM 2340B (2011) by Calculation</b>	20046611
<b>Aqueous</b>	
Hardness (Total, as CaCO <sub>3</sub> , By Calculation)	1755
<b>SM 2510B (2011) by Ion Selective Electrode (ISE)</b>	20048617
<b>Aqueous</b>	
Specific Conductance (Conductivity)	1610



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<b>SM 2540B (2015) by Gravimetry</b>	20049438
<b>Aqueous</b>	
Solids (Total, TS, Residue)	1950
<b>SM 2540C (2015) by Gravimetry</b>	20050435
<b>Aqueous</b>	
Solids (Total Dissolved, TDS, Residue, Filterable)	1955
<b>SM 2540D (2015) by Gravimetry</b>	20051223
<b>Aqueous</b>	
Solids (Total Suspended, TSS, Non-Filterable Residue)	1960
<b>SM 2540G (2011) by Gravimetry</b>	20052237
<b>Solid</b>	
Moisture (Percent)	8641
<b>SM 4500 CN E (2016) by Colorimetry</b>	20096439
<b>Aqueous</b>	
Cyanide (Total)	1645
<b>SM 4500 NH3 D (2011) by Potentiometry</b>	20109415
<b>Aqueous</b>	
Ammonia (as N)	1515
<b>SM 4500 S2 D (2011) by Colorimetry</b>	20125864
<b>Aqueous</b>	
Sulfide	2005
<b>SM 4500-NH3 D by Ion Selective Electrode (ISE)</b>	20109415
<b>Solid</b>	
Ammonia (as N)	1515
<b>Inorganic</b>	
<b>EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)</b>	10013806
<b>Aqueous</b>	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055



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### Inorganic

**EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)** 10013806

#### Aqueous

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
Selenium	1140
Silver	1150
Thallium	1165
Vanadium	1185
Zinc	1190



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### Inorganic

<b>EPA 314.0 by Ion Chromatography (IC)</b>	10277006
<b>Aqueous</b>	
Perchlorate	1895
<b>EPA 314.0 MOD (TORR SOP 2352) by Ion Chromatography (IC)</b>	10277006
<b>Solid</b>	
Perchlorate	1895
<b>EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)</b>	10155916
<b>Aqueous</b>	
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
Vanadium	1185
Zinc	1190
<b>Solid</b>	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020



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### Inorganic

**EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)** 10155916

#### Solid

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
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Mercury	1095
Molybdenum	1100



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### Inorganic

**EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)** 10156420

#### Aqueous

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

**EPA 7199 MOD (TORR SOP 2351) by Ion Chromatography and UV-visible spectrophotometry (IC, UV-Vis)** 10163005

#### Aqueous

Hexavalent Chromium (Cr VI)	1045
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#### Solid

Hexavalent Chromium (Cr VI)	1045
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**EPA 7470A by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)** 10165807

#### Aqueous

Mercury	1095
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Accreditation is granted to the facility to perform the following testing:

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<b>Inorganic</b>	
<b>EPA 7471B by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)</b>	10166402
<b>Solid</b>	
Mercury	1095
<b>EPA 9056A by Ion Chromatography (IC)</b>	10199607
<b>Aqueous</b>	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
<b>Solid</b>	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
<b>Organic</b>	
<b>AK-101 (GRO) by Gas Chromatography Mass Spectrometry (GC/MS)</b>	90015159
<b>Aqueous</b>	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
<b>Solid</b>	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
<b>AK-102 (DRO) by Gas Chromatography Flame Ionization Detection (GC/FID)</b>	90015206
<b>Aqueous</b>	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
<b>Solid</b>	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
<b>AK-103 (RRO) by Gas Chromatography Flame Ionization Detection (GC/FID)</b>	90015400
<b>Aqueous</b>	
Residual Range Organics (RRO)	9506
<b>Solid</b>	
Residual Range Organics (RRO)	9506
<b>ASTM D1946 by Gas Chromatography Thermal Conductivity Detector (GC/TCD)</b>	30024454
<b>Air</b>	
Carbon Dioxide	3755
Carbon Monoxide	3780





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<b>Organic</b>	
<b>ASTM D1946 by Gas Chromatography Thermal Conductivity Detector (GC/TCD)</b>	30024454
<b>Air</b>	
Ethane	4747
Ethene	4752
Helium	1767
Hydrogen	1772
Methane	4926
Nitrogen	1843
Oxygen	3895
<b>Draft EPA Method 1633 (Draft 3) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)</b>	10123441
<b>Aqueous</b>	
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 (PFEEESA)	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



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Organic	
<b>Draft EPA Method 1633 (Draft 3) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)</b>	10123441
<b>Aqueous</b>	
Perfluoroheptane Sulfonic Acid (PFHpS)	9470
Perfluoroheptanoic Acid (PFHpA)	6908
Perfluorohexadecanoic Acid (PFHxDA)	6958
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
<b>Solid</b>	
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 (PFEEESA)	6957
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6965



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### Organic

**Draft EPA Method 1633 (Draft 3) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)** 10123441

#### Solid

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
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

**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-Heptafluorohexanoic 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



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#### EPA 1633 by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

10123463

#### Aqueous

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

#### 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





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Organic		Code
<b>EPA 1633 by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)</b>		10123463
<b>Solid</b>		
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-Heptafluorohexanoic 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
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, 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 1633 by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)** 10123463

#### Solid

Perfluorotetradecanoic Acid (PFTDA, PFTeDA) 6902

Perfluorotridecanoic Acid (PFTrDA) 9563

Perfluoroundecanoic Acid (PFUnA, PFUnDA) 6904

**EPA 1668B MOD (TORR SOP 2333) by GC/MS/MS** 60052235

#### Aqueous

PCB-1 (2-Chlorobiphenyl, 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

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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

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

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Code

### Organic

#### EPA 1668B MOD (TORR SOP 2333) by GC/MS/MS

60052235

#### Aqueous

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
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





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Code

### Organic

#### EPA 1668B MOD (TORR SOP 2333) by GC/MS/MS

60052235

#### Aqueous

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
PCB-99 (2,2',4,4',5-Pentachlorobiphenyl)	9175

#### Solid

PCB-1 (2-Chlorobiphenyl, 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
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



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

Code

### Organic

#### EPA 1668B MOD (TORR SOP 2333) by GC/MS/MS

60052235

#### Solid

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
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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
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
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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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Code

### Organic

#### EPA 1668B MOD (TORR SOP 2333) by GC/MS/MS

60052235

##### Solid

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
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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
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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
PCB-99 (2,2',4,4',5-Pentachlorobiphenyl)	9175

#### EPA 6850 by Liquid Chromatography Mass Spectrometry (LC/MS)

10304606

##### Aqueous

Perchlorate	1895
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##### Solid

Perchlorate	1895
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#### EPA 8015B MOD (TORR SOP 2320) by Gas Chromatography Flame Ionization Detection (GC/FID)

10173601

##### Aqueous

Residual Range Organics (RRO)	9506
Total Petroleum Hydrocarbons (TPH) as Diesel	NC
Total Petroleum Hydrocarbons (TPH) as Motor Oil	9499



# Certificate of Accreditation: Supplement

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	Code
<b>Organic</b>	
<b>EPA 8015B MOD (TORR SOP 2320) by Gas Chromatography Flame Ionization Detection (GC/FID)</b>	10173601
<b>Aqueous</b>	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
<b>Solid</b>	
Residual Range Organics (RRO)	9506
Total Petroleum Hydrocarbons (TPH) as Diesel	NC
Total Petroleum Hydrocarbons (TPH) as Motor Oil	9499
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
<b>EPA 8015C by Gas Chromatography Flame Ionization Detection (GC/FID)</b>	10173816
<b>Aqueous</b>	
Oil Range Organics (ORO)	6748
Residual Range Organics (RRO)	9506
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
<b>Solid</b>	
Oil Range Organics (ORO)	6748
Residual Range Organics (RRO)	9506
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
<b>EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)</b>	10178811
<b>Aqueous</b>	
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



# Certificate of Accreditation: Supplement

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Code

### Organic

**EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)** 10178811

#### Aqueous

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 ( $\gamma$ -BHC, Lindane, gamma-Hexachlorocyclohexane) 7120

gamma-Chlordane 7245

Heptachlor 7685

Heptachlor Epoxide 7690

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





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	Code
<b>Organic</b>	
<b>EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD)</b>	10179201
<b>Solid</b>	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
<b>EPA 8260B by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10184802
<b>Aqueous</b>	
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, 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 8260B by Gas Chromatography Mass Spectrometry (GC/MS)

10184802

#### Aqueous

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
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





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Code

### Organic

**EPA 8260B by Gas Chromatography Mass Spectrometry (GC/MS)** 10184802

#### Aqueous

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
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



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### Organic

#### EPA 8260B by Gas Chromatography Mass Spectrometry (GC/MS)

10184802

#### Solid

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
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, Milpitas, CA 95035

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Code

### Organic

#### EPA 8260B by Gas Chromatography Mass Spectrometry (GC/MS)

10184802

#### Solid

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
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



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## Torrent Laboratory, Inc.

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Code

### Organic

**EPA 8260B by Gas Chromatography Mass Spectrometry (GC/MS)** 10184802

#### Solid

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 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

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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Contact Name: Jani Mukesh Phone: 408-263-5258

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Code

<b>Organic</b>	
<b>EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10307127
<b>Aqueous</b>	
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
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



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Code

<b>Organic</b>	
<b>EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10307127
<b>Aqueous</b>	
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
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
<b>Solid</b>	
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





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Code

### Organic

#### EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)

10307127

#### Solid

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
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





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Code

### Organic

#### EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)

10307127

#### Solid

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
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

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Code

### Organic

<b>EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10307127
<b>Solid</b>	
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
<b>EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	10307138
<b>Aqueous</b>	
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
<b>Solid</b>	
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
<b>EPA 8270D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	10242509
<b>Aqueous</b>	
Butifos (DEF)	7165
Azinphos-methyl (Guthion)	7075
Carbophenothion	7220
Chlorpyrifos (Dursban)	7300
Coumaphos	7315
Demeton (Systox)	7385
Demeton-o	7395
Dichlorvos (DDVP)	8610
Dimethoate	7475
Disulfoton	8625
EPN ( Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550
Ethion	7565
Ethoprop (Ethoprophos)	7570
Fensulfothion	7600
Fenthion	7605
Malathion	7770



# Certificate of Accreditation: Supplement

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483 Sinclair Frontage Road, Milpitas, CA 95035  
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Code

### Organic

**EPA 8270D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)** 10242509

#### Aqueous

Methyl Parathion 7825

Naled 7905

Parathion (Ethyl) 7955

Phorate 7985

Phosmet (Imidan) 8000

Ronnel 8110

Stirophos (tetrachlorovinphos) 8200

Sulfotepp NC

Sulprofos (Bolstar) 7125

Terbufos 8185

Tetraethyl pyrophosphate (TEPP) 8210

Tokuthion (Prothiophos) 8245

Trichloronate 8275

#### Solid

Butifos (DEF) 7165

Azinphos-methyl (Guthion) 7075

Carbophenothion 7220

Chlorpyrifos (Dursban) 7300

Coumaphos 7315

Demeton (Systox) 7385

Demeton-o 7395

Dichlorvos (DDVP) 8610

Dimethoate 7475

Disulfoton 8625

EPN ( Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester) 7550

Ethion 7565

Ethoprop (Ethoprofos) 7570

Fensulfothion 7600

Fenthion 7605

Malathion 7770

Methyl Parathion 7825

Naled 7905

Parathion (Ethyl) 7955

Phorate 7985

Phosmet (Imidan) 8000

Ronnel 8110



# Certificate of Accreditation: Supplement

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Code

### Organic

**EPA 8270D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)** 10242509

#### Solid

Stirophos (tetrachlorovinphos)	8200
Sulfotepp	NC
Sulprofos (Bolstar)	7125
Terbufos	8185
Tetraethyl pyrophosphate (TEPP)	8210
Tokuthion (Prothiophos)	8245
Trichloronate	8275

**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
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

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Code

### Organic

#### EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)

10242543

#### Aqueous

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
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, 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

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
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





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Code

<b>Organic</b>	
<b>EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10242543
<b>Solid</b>	
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
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600



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Code

### Organic

#### EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)

10242543

#### Solid

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
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095



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Code

### Organic

**EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)** 10242565

#### Aqueous

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
Pentachlorophenol (PCP)	6605
Perylene	6608
Phenanthrene	6615
Pyrene	6665

#### Solid

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



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	Code
<b>Organic</b>	
<b>EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	10242565
<b>Solid</b>	
Naphthalene	5005
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Pyrene	6665
<b>EPA 8290A MOD (TORR SOP 2330) by GC/MS/MS</b>	60052155
<b>Aqueous</b>	
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
<b>Solid</b>	
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, 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 8290A MOD (TORR SOP 2330) by GC/MS/MS

60052155

#### Solid

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

2,4-Dichlorophenoxyacetic Acid (2,4-D) 8545

3,5-Dichlorobenzoic Acid (3,5-DCBA) 8600

4-Nitrophenol 6500

Acifluofen 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

Acifluofen 8505

Bentazone 8530

Chloramben 8540

Dalapon 8555

Dicamba 8595

Dichloroprop (2,4-DP) 8605



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Code

### Organic

**EPA 8321B MOD (TORR SOP 2326) by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)** 10189205

<b>Solid</b>	
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

<b>Aqueous</b>	
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

**EPA 8330B by High Performance Liquid Chromatography (HPLC)** 10308006

<b>Aqueous</b>	
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





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Code

### Organic

#### EPA 8330B by High Performance Liquid Chromatography (HPLC)

10308006

##### Aqueous

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
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



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Code

### Organic

<b>EPA TO-10A MOD (TORR SOP 2325) by Gas Chromatography Electron Capture Detector (GC/ECD)</b>	<b>10247504</b>
<b>Air</b>	
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
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC ( $\gamma$ -BHC, Lindane, gamma-Hexachlorocyclohexane)	7120
gamma-Chlordane	7245
Heptachlor	7685
Heptachlor Epoxide	7690
Methoxychlor	7810
<b>EPA TO-13A MOD (TORR SOP 2324) by Gas Chromatography Mass Spectrometry (GC/MS)</b>	<b>10248405</b>
<b>Air</b>	
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



# Certificate of Accreditation: Supplement

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Code

### Organic

#### 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
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



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### Organic

<b>EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10248803
<b>Air</b>	
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
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
<b>EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	10248858
<b>Air</b>	
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



# Certificate of Accreditation: Supplement

## Torrent Laboratory, Inc.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Contact Name: Jani Mukesh Phone: 408-263-5258

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

Code

### Organic

Organic	Code
<b>EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	<b>10248858</b>
<b>Air</b>	
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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<b>EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	<b>10248858</b>
<b>Air</b>	
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
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235





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### Preparation

#### Aqueous

EPA 3010A	Acid Digestion for Total Metals (Hot Block)
EPA 3510	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)