



PERRY JOHNSON LABORATORY ACCREDITATION, INC.



Certificate of Accreditation

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

Turquoise Analytics

4125 Cedar Run Road, Suite C, Traverse City, MI 49684

*(Hereinafter called the Organization) and hereby declares that the Organization is accredited
in accordance with the following Standard:*

TNI Environmental Laboratory Standard, Volume 1 - 2016

Environmental Testing (As detailed in the supplement)

Accreditation claims for such testing services shall only be made from 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:

May 8, 2024

Issue Date:

May 8, 2024

Expiration Date:

May 31, 2026

Accreditation No.:

108157

Certificate No.:

L24-364

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.pjlab.com*



Certificate of Accreditation: Supplement



Turquoise Analytics

4125 Cedar Run Road, Suite C, Traverse City, MI 49684
Contact Name: George Powell Phone: 231-252-3669

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

MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	11-Chloroeicosafluoro-3-oxaudecane-1-sulfonic acid (11Cl-PF3OUdS)	9490
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6952
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	4,8 Dioxo-3H-perfluorononanoic acid (ADONA)	6951
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	9460
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanoic acid (PFBA)	6915
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanesulfonic acid (PFBS)	6911
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8-2FTS)	6948
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanoic acid (PFDA)	6905
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanoic acid (PFDoA)	6903
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6957
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanesulfonic acid (PFHpS)	9470
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanoic acid (PFHpA)	6908



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Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2FTS)	6946
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanesulfonic acid (PFHxS)	6910
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanoic acid (PFHxA)	6913
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-3-methoxypropanoic Acid (PFMPA)	6965
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-4-methoxybutanoic acid (PFMBA)	6966
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanoic acid (PFNA)	6906
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2FTS)	6947
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanesulfonic acid (PFOS)	6909
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	6912
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanoic acid (PFPeA)	6914
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanesulfonic acid (PFPeS)	6924
Drinking Water	DW	EPA 533	10091619	HPLC-MS-MS	HPLC-MS-MS	Perfluoroundecanoic acid (PFUnDA)	6904
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanoic acid (PFBA)	6915



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Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanoic acid (PFPeA)	6917
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanoic acid (PFHxA)	6913
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanoic acid (PFHpA)	6908
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	6912
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanoic acid (PFNA)	6906
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanoic acid (PFDA)	6905
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoroundecanoic acid (PFUnDA)	6904
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanoic acid (PFDoA)	6903
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorotridecanoic acid (PFTrDA)	9563
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorotetradecanoic acid (PFTeDA)	6902
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanesulfonic acid (PFBS)	6911
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanesulfonic acid (PFPeS)	6934
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanesulfonic acid (PFHxS)	6910

Issue: 05/2024

This supplement is in conjunction with certificate #L24-364

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Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanesulfonic acid (PFHpS)	9470
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanesulfonic acid (PFOS)	6909
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanesulfonic acid (PFNS)	6929
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanesulfonic acid (PFDS)	6920
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanesulfonic acid (PFDoS)	6923
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2FTS)	6946
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	6947
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2FTS)	6948
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanesulfonamide (PFOSA)	6917
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamide (NMeFOSA)	9433
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	9395
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4847



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MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4846
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	6949
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	9431
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	9460
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6951
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-3-methoxypropanoic acid (PFMPA)	6965
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-4-methoxybutanoic acid (PFMBA)	6966
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6952
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	9490
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6957
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	3-Perfluoropropyl propanoic acid (3:3FTCA)	9353



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Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9338
Non-Potable Water	NPW	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	3-Perfluoroheptyl propanoic acid (7:3FTCA)	9340
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanoic acid (PFBA)	6915
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanoic acid (PFPeA)	6917
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanoic acid (PFHxA)	6913
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanoic acid (PFHpA)	6908
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	6912
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanoic acid (PFNA)	6906
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanoic acid (PFDA)	6905
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoroundecanoic acid (PFUnDA)	6904
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanoic acid (PFDoA)	6903
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorotridecanoic acid (PFTrDA)	9563
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorotetradecanoic acid (PFTeDA)	6902



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MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanesulfonic acid (PFBS)	6911
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanesulfonic acid (PFPeS)	6934
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanesulfonic acid (PFHxS)	6910
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanesulfonic acid (PFHpS)	9470
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanesulfonic acid (PFOS)	6909
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanesulfonic acid (PFNS)	6929
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanesulfonic acid (PFDS)	6920
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanesulfonic acid (PFDoS)	6923
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2FTS)	6946
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	6947
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2FTS)	6948
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanesulfonamide (PFOSA)	6917
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamide (NMeFOSA)	9433

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Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	9395
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4847
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4846
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	6949
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	9431
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	9460
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6951
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-3-methoxypropanoic acid (PFMPA)	6965
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-4-methoxybutanoic acid (PFMBA)	6966
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6952
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	9490
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6957

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Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	3-Perfluoropropyl propanoic acid (3:3FTCA)	9353
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9338
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	3-Perfluoroheptyl propanoic acid (7:3FTCA)	9340
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanoic acid (PFBA)	6915
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanoic acid (PFPeA)	6917
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamide (NMeFOSA)	9433
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamide (NEtFOSA) \	9395
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4847
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4846
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	6949
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	9431
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	9460
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6951



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Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-3-methoxypropanoic acid (PFMPA)	6965
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-4-methoxybutanoic acid (PFMBA)	6966
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	6952
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	9490
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6957
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	3-Perfluoropropyl propanoic acid (3:3FTCA)	9353
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9338
Solids and Chemical	S	EPA 1633	10123463	HPLC-MS-MS	HPLC-MS-MS	3-Perfluoroheptyl propanoic acid (7:3FTCA)	9340
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-butanefluoronic acid (PFBS)	6911
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-pentanesulfonic acid (PFPeS)	6934
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-hexanesulfonic acid (PFHxS)	6910
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-heptanesulfonic acid (PFHpS)	9470



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Turquoise Analytics

4125 Cedar Run Road, Suite C, Traverse City, MI 49684
Contact Name: George Powell Phone: 231-252-3669

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

MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-octanesulfonic acid (PFOS)	6906
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-nonanesulfonic acid (PFNS)	6929
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-decanesulfonic acid (PFDS)	6920
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS)	6946
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2 FTS)	6947
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2 FTS)	6948
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanoic acid (PFBA)	6915
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanoic acid (PFPeA)	6914
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanoic acid (PFHxA)	6913
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanoic acid (PFHpA)	6908
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	6912
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanoic acid (PFNA)	6906
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanoic acid (PFDA)	6905

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MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoroundecanoic acid (PFUdA)	6904
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanoic acid (PFDoA)	6903
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorotridecanoic acid (PFTrDA)	9563
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorotetradecanoic acid (PFTeDA)	6902
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	N-ethylperfluoro-1-octanesulfonamidoacetic acid (N-EtFOSAA)	4846
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	N-methylperfluoro-1-octanesulfonamidoacetic acid (N-MEFOSAA)	4847
Non-Potable Water	NPW	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-octanesulfonamide (PFOSA)	6917
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-butanefulfonic acid (PFBS)	6911
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-pentanesulfonic acid (PFPeS)	6934
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-hexanesulfonic acid (PFHxS)	6910
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-heptanesulfonic acid (PFHpS)	9470
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-octanesulfonic acid (PFOS)	6906



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MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-nonanesulfonic acid (PFNS)	6929
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-decanesulfonic acid (PFDS)	6920
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS)	6946
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2 FTS)	6947
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2 FTS)	6948
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorobutanoic acid (PFBA)	6915
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoropentanoic acid (PFPeA)	6914
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorohexanoic acid (PFHxA)	6913
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoroheptanoic acid (PFHpA)	6908
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	6912
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorononanoic acid (PFNA)	6906
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorodecanoic acid (PFDA)	6905
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoroundecanoic acid (PFUdA)	6904

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MATRIX	MATRIX CODE	METHOD	METHOD CODE	TECHNOLOGY	TECHNOLOGY CODE	ANALYTE	ANALYTE CODE
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorododecanoic acid (PFDoA)	6903
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorotridecanoic acid (PFTrDA)	9563
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluorotetradecanoic acid (PFTeDA)	6902
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	N-ethylperfluoro-1-octanesulfonamidoacetic acid (N-EtFOSAA)	4846
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	N-methylperfluoro-1-octanesulfonamidoacetic acid (N-MEFOSAA)	4847
Solids and Chemical	S	EPA 8327	10189670	HPLC-MS-MS	HPLC-MS-MS	Perfluoro-1-octanesulfonamide (PFOSA)	6917