



PERRY JOHNSON LABORATORY ACCREDITATION, INC.



Certificate of Accreditation

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

Precision Analytical Laboratories, LLC
3430 16th Street, Everett, WA 98201

(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

This accreditation demonstrates technical competence for a 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 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:

June 29, 2022

Issue Date:

June 29, 2022

Expiration Date:

August 31, 2024

Revision Date:

April 26, 2023

Accreditation No.:

117740

Certificate No.:

L22-468-R4

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



Precision Analytical Laboratories, LLC

3430 16th Street, Everett, WA 98201

Contact Name: Julia Redfield Phone: 425-317-8298

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 150.2	10256005	Ion Selective Electrode	ISE	pH	1900
Non-Potable Water	NPW	SM 4500-CN-E-2016	20096439	Ultraviolet or Visible Molecular Absorption Spectrometer	Molecular Absorption Spectrometer	Cyanide	1645
Non-Potable Water	NPW	EPA 1664A	10127807	Gravimetry	GRAV	SGT-HEM	6142
Non-Potable Water	NPW	EPA 1664A	10127807	Gravimetry	GRAV	HEM	6143
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Antimony	1005
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Arsenic	1010
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Barium	1015
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Cadmium	1030



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Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Chromium	1040
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Cobalt	1050
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Copper	1055
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Lead	1075
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Manganese	1090
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Nickel	1105
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Selenium	1140
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Silver	1150
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled	ICP-AES	Vanadium	1185



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Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Zinc	1190
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Tin	1175
Non-Potable Water	NPW	EPA 200.7	10014003	Atomic Emission-Inductively Coupled Plasma Spectrometer	ICP-AES	Titanium	1180
Non-Potable Water	NPW	EPA 245.1	10036609	Atomic Absorption-Cold Vapor Spectrometry	CVAAS	Mercury	1095
Non-Potable Water	NPW	EPA 625.1	10300024	Gas Chromatography – Mass Spectrometer	GC-MS	n-Octadecane	6580
Non-Potable Water	NPW	EPA 625.1	10300024	Gas Chromatography – Mass Spectrometer	GC-MS	Fluoranthene	6265
Non-Potable Water	NPW	EPA 625.1	10300024	Gas Chromatography – Mass Spectrometer	GC-MS	Carbazole	5680
Non-Potable Water	NPW	EPA 625.1	10300024	Gas Chromatography – Mass Spectrometer	GC-MS	n-Decane	5875
Non-Potable Water	NPW	EPA 625.1	10300024	Gas Chromatography – Mass Spectrometer	GC-MS	Bis (2 ethylhexyl) phthalate	6065



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Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Aldrin	7025
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Alpha-BHC	7110
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Beta-BHC	7115
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Gamma-BHC	7120
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Delta-BHC	7105
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	4,4'-DDE	7360



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Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	4,4'-DDD	7355
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	4,4'-DDT	7365
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Dieldrin	7470
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Endosulfan I	7510



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Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Endosulfan II	7515
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Endosulfan Sulfate	7520
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Endrin	7540
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Endrin Aldehyde	7530
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Heptachlor	7685
Non-Potable Water	NPW	EPA 608.3	10103807	Gas Chromatography – Electron Capture Detector	GC-ECD	Heptachlor Epoxide	7690



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Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Arsenic	1010
Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Barium	1015
Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Cadmium	1030
Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Chromium	1040
Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Lead	1075
Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Selenium	1140
Solid	S	EPA 6010D	10155950	Inductively Coupled Plasma - Spectrometer	ICP-AES	Silver	1150
Solid	S	EPA 7471A	10166208	Cold Vapor Atomic Absorption CVAA	CVAA	Mercury	1095