



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

SOMALAB S.A.C

**Av. Proceres de la Independencia, N° 3525 Oficina 201, Urb. Los Pinos
San Juan de Lurigancho, Lima, Perú. C.P. 15423**

*and hereby declares that the Organization is accredited in accordance with
the recognized International Standard:*

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Sampling, Environmental Analysis, Electrical and Mechanical Testing (As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

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

Initial Accreditation Date:

September 15, 2025

Issue Date:

September 15, 2025

Expiration Date:

December 31, 2027

Revision Date:

April 04, 2026

Accreditation No.:

130106

Certificate No.:

L25-703-R1

*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

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Av. Proceres de la Independencia, N° 3525 Oficina 201, Urb. Los Pinos
San Juan de Lurigancho, Lima, Perú. C.P. 15423
Contact Name: Diana Ochante Quispe Phone: 51-955-924-441

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Environmental Analysis	Gaseous Emissions	Particulate matter	NTP 900.005	Gravimetric	F1, F2	F
Environmental Analysis	Gaseous Emissions	Sulfur Dioxide (SO ₂)	NTP 900.006	Titration	F1, F2	F
Environmental Analysis	Gaseous Emissions	NO _x Nitrogen Oxides (NO, NO ₂)	NTP 900.007	Isokinetic sampler Titration	F1, F2	F
Environmental Analysis	Gaseous Emissions	Sulfur Dioxide (SO ₂)	EPA 6C	Combustion Gas Analyzers	F1, F2	F
Environmental Analysis	Gaseous Emissions	NO _x Nitrogen Oxides (NO, NO ₂)	EPA 7E	Combustion Gas Analyzers	F1, F2	F
Environmental Analysis	Gaseous Emissions	TRS as Sulfur Dioxide in Gaseous Emissions TRS as Hydrogen Sulfide in Gaseous Emissions	EPA 16A	Titration	F1, F2	F
Environmental Analysis	Gaseous Emissions	Sulfur Dioxide (SO ₂)	CTM 022 CTM 030	Combustion Gas Analyzers	F1, F2	F, O
Environmental Analysis	Gaseous Emissions	Hydrogen Sulfide (H ₂ S)	CTM 022	Combustion Gas Analyzers	F1, F2	F, O
Environmental Analysis	Gaseous Emissions	Gas Velocity and Volumetric Flow Rate	EPA 2	Combustion Gas Analyzer	F1, F2	O
Environmental Analysis	Gaseous Emissions	Mass Flow	NTP 712.112	Combustion Gas Analyzer	F1, F2	O
Environmental Analysis	Gaseous Emissions	Molecular Weight, Temperature	EPA 3	Combustion Gas Analyzer	F1, F2	O



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Environmental Analysis	Gaseous Emissions	Oxygen (O ₂) and Carbon Dioxide (CO ₂)	EPA 3A	Combustion Gas Analyzer	F1, F2	O
Environmental Analysis	Gaseous Emissions	Opacity	DIN 51402	Combustion Gas Analyzer	F1, F2	O
Environmental Analysis	Gaseous Emissions	Sample and Velocity Traverses for Stationary Sources	EPA 1	Combustion Gas Analyzer	F1, F2	O
Environmental Analysis	Gaseous Emissions	Moisture Content	EPA 4	Combustion Gas Analyzer	F1, F2	O
Environmental Analysis	Gaseous Emissions	Volatile Organic Compounds (VOCs)	EPA Method 18 NTP 900.018	GC/MS	F1, F2, F3	F
Environmental Analysis	Gaseous Emissions	Carbon monoxide (CO)	EPA Method 10	Combustion Gas Analyzers	F1, F2	F, O
Environmental Analysis	Air	Volatile Organic Compounds (VOCs)	ASTM D 3687 ASTM D 3686	GC/MS	F1, F2, F3	F
Environmental Analysis	Air	Carbon Dioxide	UNE-EN ISO 16000-26 (modified) with LAB-PR-13.1-4	Automated Analyzer	F1, F4	O
Environmental Analysis	Air	Mercury	NTP 900.068	Automated Analyzer	F1, F2	O
Environmental Analysis	Air	Benzene	UNE-EN 13528-1 UNE-EN 13528-2 UNE-EN 13528-3	GC/MS	F1, F2	F
Environmental Analysis	Air	Total Hydrocarbons expressed as Hexane // Hydrocarbons no Methanes (HCNM)	ASTM D3687	GC/MS	F1, F2	F



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Environmental Analysis	Air	Volatile Organic Compounds (VOCs)	ASTM D3687 ASTM D3686	GC/MS	F1, F2, F3	F
Environmental Analysis	Air	Volatile Organic Compounds (VOCs)	ASTM D3687	GC/MS	F1, F2, F3	F
Environmental Analysis	Soils, Sediments and Sludges	Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	EPA 8260 D	GC/MS	F1, F2	F
Environmental Analysis	Soils, Sediments and Sludges	Volatile Organic Compounds (VOCs)	EPA 8260 D	GC/MS	F1, F2, F3	F
Environmental Analysis	Soils, Sediments and Sludges	Organochlorine Pesticides	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Soils, Sediments and Sludges	Polycyclic Aromatic Hydrocarbons (PAHs)	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Soils, Sediments and Sludges	Polychlorinated Biphenyls (PCBs)	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Soils, Sediments and Sludges	Total Nitrogen Kjeldahl (TKN)	ISO 11261	Kjeldahl digester Kjeldahl distiller	F1, F2	F
Environmental Analysis	Soils, Sediments and Sludges	Total Petroleum Hydrocarbons (TPH)	EPA 8015 C	GC-FID	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	BTEX	EPA 8260 D	GC/MS	F1, F2, F3	F



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Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	THM Trihalomethanes	EPA 8260 D	GC/MS	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Organochlorine Pesticides (POCl)	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Aldicarb	EPA 8270 E	GC/MS	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Organophosphorus Pesticides (POF)	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Volatile Organic Compounds (VOC's)	EPA 8260 D	GC/MS	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Polychlorinated Biphenyls (PCB's)	EPA 8270 E	GC/MS	F1, F2, F3	F



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Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Polycyclic Aromatic Hydrocarbons (PAH's)	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Transparency of Waters	ISO 7027-2	Semi-quantitative Methods using Testing Disc	F1, F2	O
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Fluid Flow	ISO 12242	Ultrasonic Transit-time Meters	F1, F2	O
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Groundwater Level	ISO 21413	Electric Tape	F1, F2	O
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Phosphate	SM 4500-P E	UV-visible	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Total Nitrogen	SM 4500-N C	UV-visible	F1, F2	F



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Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Wad Cyanide	SM 4500-CN ⁻ I, E	UV-visible	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Acidity	SM 2310 B	Volumetric Titration	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Chlorite	SM 4500-ClO ₂ B, C, E	Volumetric Titration	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Chlorate	SM 4500-ClO ₂ B, C, E	Volumetric Titration	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Chlorophyll	SM 10150 A2, B	UV-visible	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Odor	SM 2150 B	Constant temperature bath	F1, F2	F



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Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Flavor	SM 2160 B	Constant temperature bath	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Floating Materials	NMX-AA-006-SCFI	Visual	F1, F2	O
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Total Petroleum Hydrocarbons (TPH)	EPA 8015 C	GC-FID	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Dissolved or emulated Hydrocarbon, Mineral oil	EPA 8015 C	GC-FID	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Phenols	EPA 8270 E	GC/MS	F1, F2, F3	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Phthalate Esters	EPA 8270 E	GC/MS	F1, F2, F3	F



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Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	N-NO ₃ + N-NO ₂ (calculation)	SML-01: Sum of Nitrates + Calculated Nitrites in Waters DS N° 004-2017-MINAM.	Calculation	F1, F2	F
Environmental Analysis	Wastewater, Natural Water, Water for use and Human Consumption, Salt Water and Process Water	Oxidation–Reduction Potential (ORP)	SM 2580 B	Electrometric	F1, F2	O
Environmental Analysis	Meteorological	Solar Radiation	EPA-454/B-08-002 (modified) with LAB-PR-13.4-1	Meteorological station	F1, F4	O
Environmental Analysis	Meteorological	Rain Precipitation	EPA-454/B-08-002 (modified) with LAB-PR-13.4-1	Meteorological station	F1, F4	O
Environmental Analysis	Process Water	pH	SM 4500-H+B	Electrometric	F1, F2	F
Environmental Analysis	Process Water	Total Suspended Solids	SM 2540 D	Gravimetric	F1, F2	F
Environmental Analysis	Process Water	Oil and Grease	SM 5520 B	Gravimetric	F1, F2	F
Environmental Analysis	Process Water	Biochemical Oxygen Demand (BOD)	SM 5210 B	Electrometric	F1, F2	F
Environmental Analysis	Process Water	Chemical Oxygen Demand (COD)	SM 5220 D	UV-visible	F1, F2	F
Environmental Analysis	Process Water	Caudal (Volumetric)	NTP 214.060	Volumetric method	F1, F2	O



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Electrical	Indoor and outdoor air	Non-ionizing Radiation	UNE-EN 62110 IEC 61786-2 IEEE Std 644	Electromagnetic field meter	F1, F2, F5	O
Mechanical	Lighting	Interior Lighting	UNE-EN 12464-1 Part 1 UNE-EN 12464-2: Part 2	Light meter	F1, F2	O
Mechanical	Buildings (ground surface) Occupational Health (in a worker)	Vibration Environmental	DIN 4150-3 DIN 4150-2 DIN 4150-1 Parts 1-3	Vibrometer Seismograph	F1, F2, F5	O

FIELD OF SAMPLING	ITEMS, MATERIALS, OR PRODUCTS SAMPLED	TECHNIQUE OR METHOD USED	LOCATION OF ACTIVITY
Emissions for subsequent testing	Sampling in Emissions	Isokinetic sampler	O
Air for subsequent testing	Sampling in Air	National Protocol for Air Quality Monitoring. Approved by Supreme Decree No. 010-2019-MINAM	
Water for subsequent testing	Sampling in Wastewater, Natural Water, Water for use and Human Consumption, Salat Water and Process Water	National Protocol for Monitoring the Quality of Surface Water Resources. Approved by Directorial Resolution No. 010-2016-ANA Protocol of procedures for sampling, preservation, conservation, transportation, storage, and reception of water for human consumption. Approved by Directorial Resolution No. 160-2015/DIGESA/SA Protocol for Monitoring the Quality of Effluents from Domestic or Municipal	O



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Water for subsequent testing	Sampling in Wastewater, Natural Water, Water for use and Human Consumption, Salat Water and Process Water	Wastewater Treatment Plants (WWTPs). Ministerial Resolution No. 273-2013-Housing Protocol for Monitoring Effluents from Industrial Fishing Establishments for Direct and Indirect Human Consumption. Approved by Ministerial Resolution No. 061-2016-PRODUCE Technical Guide "Procedure for Sampling Seawater at Bathing and Recreational Beaches." RM No. 553-2010/MINSA LAB-I-13.5: Sampling of Natural Waters LAB-I-13.6: Sampling of Wastewater LAB-I-13.7: Sampling of Water for Human Use and Consumption LAB-I-13.8: Saline Water Sampling LAB-I-13.18: Sampling of Process Waters	O
Soils for subsequent testing	Sampling in Soils, Sediments and Sludges	Soil Sampling Guide. Approved by Ministerial Resolution No. 065-2014-MINAM	O

1. Location of activity:

Location Code

- F Conformity assessment activity is performed at the CAB's fixed facility
- O Conformity assessment activity is performed onsite at the CAB's customer location

Location



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2. Flex Code:

- F0: When no flexibility is identified. There are no changes to items tested, characteristics identified or versions of methods except for updating to the most recent version of a standard method after verification.
- F1: The laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
- F2: The laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
- F3: The laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
- F4: The laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
- F5: The laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope for the same parameter, component, or analyte identified on the line item of the scope.

