



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Twin Arbor Analytical

3474 Empresa Drive Ste 140, San Luis Obispo, CA 93401

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

ISO/IEC 17025:2017

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):

Chemical, and Biological Testing *(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration 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

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

Initial Accreditation Date:

March 26, 2020

Issue Date:

September 30, 2024

Expiration Date:

October 31, 2026

Accreditation No.:

129130

Certificate No.:

L24-750

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.pjilabs.com



Certificate of Accreditation: Supplement

Twin Arbor Analytical

3474 Empresa Drive Ste 140, San Luis Obispo, CA 93401

Contact Name: Forrest Richmond Phone: 805-400-9711

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

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F4	Chemical ^F	Food products, Dietary supplements	Mycotoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	TM0004	LC-MS/MS
F1, F2			Pesticides: Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Captan Carbaryl Carbofuran Chlorantraniliprole Chlordane Chlorfenapyr Chlorpyrifos Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide DDVP(Dichlorvos) Diazinon Dimethoate Dimethomorph Ethoprop(hos) Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb	AOAC 2007.01	



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F1, F2	Chemical ^F	Food products, Dietary supplements	Pesticides: Methomyl Methyl Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Parathion Pentachloronitrobenzene Permethrin Phosmet Piperonylbutoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	AOAC 2007.01	LC-MS/MS
F1, F2, F4		Food products, Dietary supplements, Cosmetics	Heavy Metals: As Cd Hg Pb	AOAC 2015.01 TM0005	ICP-MS
F1, F4		Hemp	Total THC	TM0014	HPLC-DAD
F1, F2		Food products, Dietary supplements, Cosmetics	Ca K P Na Mg Fe Cu Mn Zn Mo Ni Co Cr Sb V	USP 730 AOAC 2011.14	ICP-MS



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F1, F2	Chemical ^F	Food products, Dietary supplements, Cosmetics	Se	USP 730 AOAC 2011.14	ICP-MS				
F1, F4			Sn						
F1, F4		Mo							
F1, F4		Ag							
F1, F4		Food Products, Beverages	Ethanol	TM0032	GC				
F1, F4		Food, Beverages, Nutraceuticals, Dietary Supplements	Ascorbic Acid (Vitamin C) Thiamine HCl (Vitamin B1) Nicotinic Acid (Vitamin B3) Nicotinamide (Vitamin B3) Pyridoxal (Vitamin B6) Calcium Pantothenate (Vitamin B5) Folic Acid (Vitamins B9) Biotin (Vitamin B7) Riboflavin (Vitamin B2)	TM0021	UPLC-DAD				
F1, F4						Food, Beverages, Nutraceuticals, Dietary Supplements	Cyanocobalamin	TM0088	LC-M/SMS
F1, F2						Food	Protein	AOAC 992.15	Combustion
F1, F2						Food and Edible Oils	Fats and Cholesterol by GC	AOAC 996.06 and 976.26 (Modified)	Gas Chromatography
F1, F2		Biological ^F	Food, Environmental	E. coli O157:H7 (PCR-BAX RT)	AOAC-RI 031002	qPCR			
F1, F2	E. coli (PCR-BAX RT)			AOAC-RI 091301					
F1, F2	Salmonella spp. (PCR-BAX RT)			AOAC-RI 081201					
F1, F2	Listeria spp. (PCR-BAX RT)			AOAC-RI 081401					
F1, F2	Nonsterile products		Microbial Enumeration Tests	USP 61	Plating				
F1, F2			Tests for Specified Microorganisms	USP 62					
F1, F2	Dietary Supplements		Microbial Enumeration Tests	USP 2021					
F1, F2			Tests For Specified Microorganisms	USP 2022					
F1, F2	Food and related industry raw materials, finished products, Environmental		Staphylococcus aureus	AOAC 081001					



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

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
2. Flex Code:
 - F0-Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification
 - F1-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-Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
 - F3-Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
 - F4-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-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

