



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Dyad Labs
(A Mérieux NutriSciences Company)
1945 South Fremont Drive, Salt Lake City, UT 84104

(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):

Biological and Chemical Testing for Nutraceuticals
(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:

draft

Tracy Szerszen
President

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

Initial Accreditation Date:

September 25, 2012

Issue Date:

February 02, 2023

Expiration Date:

March 31, 2025

Accreditation No.:

71216

Certificate No.:

L23-93

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

Dyad Labs

(A Mériieux NutriSciences Company)

1945 South Fremont Drive, Salt Lake City, UT 84104
 Contact Name: Mr. Leslie Reeves Phone: 801-973-8824

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

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Biological ^F	Nutraceuticals, Supplements & Food Products	<i>E. coli</i>	USP 2022 GL-423	Positive/Negative
		<i>Staph. aureus</i>	USP 2022 GL-441	
		<i>Salmonella</i>	USP 2022 GL-461	
		Aerobic Plate Count	USP 2021 GL-411	D.L. = 10 CFU/g
		<i>E. coli</i> /Coliform	AOAC 991.14 GL-420 (Petrifilm)	
		<i>Enterobacteriaceae</i>	AOAC 2003.01 GL-430 (Petrifilm)	
		Rapid Yeast/Mold	AOAC 2014.05 GL-451 (Petrifilm)	
		<i>Salmonella</i> - Veriflow	AOAC RI 011404 GL-462	D.L. = 1 CFU
		Yeast and Mold	USP 2021/ GL-452	D.L. = 10 CFU/g
Chemical ^F	Nutraceuticals, Supplements & Food Products	Arsenic, Cadmium, Lead	AOAC 993.14 GL-500 (ICP-MS)	D.L. = 0.016 2 mg/kg (ppm) (As) D.L. = 0.008 1 mg/kg (ppm) (Cd) D.L. = 0.008 7 mg/kg (ppm) (Pb)
		Gluten Peptide: R- Biopharm R7021, Ridascreen Gliadin Competitive	AOAC 2015.05 GL-580 (ELISA)	D.L. = 10 mg/kg (ppm)
		Gluten Peptide: R-Biopharm R7001, Ridascreen Gliadin	AOAC 2012.01 GL-581 (ELISA):	D.L.= 5 mg/kg (ppm)
		Calcium, Chromium, Copper, Iron, Potassium, Magnesium, Manganese, Sodium, Phosphorus, Selenium, Zinc	GL-500 Prep Methods GL-502 & GL-503 (ICP-MS)	D.L. = 1 mg/kg (ppm) (Cr, Cu, Fe, Mn, Se, Zn) D.L. = 10 mg/kg (ppm) (K, Na, Mg, P) D.L. = 100 mg/kg (ppm) (Ca)
		Mercury	EPA 7473 GL-585 (DMA)	D.L. = 0.001 mg/kg
		FTIR Identification	USP 39-NF 34 Ch197 GL-511	Qualitative Data



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Chemical ^F	Nutriceuticals, Supplements & Food Products	Vitamin B 1- Thiamine HCl	GL-602 (UPLC)	D.L. = 0.02 µg/g
		Vitamin B 2- Riboflavin	GL-602 (UPLC)	D.L. = 0.02 µg/g
		Vitamin B 3- Niacin		D.L. = 0.05 µg/g
		Vitamin B 3- Niacinamide		D.L. = 0.6 µg/g
		Vitamin B 6- Pyridoxine HCl		D.L. = 0.3 µg/g
		Aflatoxin B1	GL-800 (LC-MS/MS)	1 ng/g to 25 ng/g (ppb)
		Aflatoxin B2		
		Aflatoxin G1		
		Aflatoxin G2		
		Ochratoxin A		
		Melamine	GL-801 (LC-MS/MS)	0.05 mg/kg to 5 mg/kg (ppm)
		Vitamin B 12- Cyanocobalamin	GL-804 (LC-MS/MS)	0.002 mg/kg to 0.2 mg/kg (ppm)
Protein ID (Rice Protein, Soy Protein, Pea Protein, Cow Milk Protein: Whey, Casein)	AOAC 2017.11 AOAC 2017.12 GL-803 (LC-MS/MS)	Confirmed Presence/ Not Detected		
Chemical ^F	Dietary Supplements and Foods	Caffeine	GL-627 (UPLC)	80 µg/mL to 320 µg/mL
		Creatine	GL-604 (UPLC)	150 µg/mL to 1 000 µg/mL
		Mercury	AOAC 993.14 GL-500 (ICP-MS)	D.L. = 0.012 mg/kg
		Soy: Neogen Veratox	GL-591 (ELISA)	2.5 mg/kg to 25 mg/kg
		Protein	AOAC 992.23/ GL-543	D.L. =1.25% Crude Protein
		Theacrine	GL-627 (UPLC)	4 µg/mL to 16 µg/mL

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer ^F would mean that the laboratory performs this testing at its fixed location.