



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### ***Mission Mountain Laboratories, Inc.***

**82892 US Hwy 93, Ravalli, MT 59863**

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

### **ISO/IEC 17025:2005**

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 Microbiological 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/Operations Manager

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

*Initial Accreditation Date:*

August 22, 2016

*Issue Date:*

October 8, 2018

*Expiration Date:*

December 31, 2020

*Accreditation No.:*

86228

*Certificate No.:*

L18-468

*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.pjlabs.com](http://www.pjlabs.com)*



# Certificate of Accreditation: Supplement

## Mission Mountain Laboratories, Inc.

82892 US Hwy 93, Ravalli, MT 59863  
 Contact Name: Kimberly Nuccio Phone: 406-726-5227

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
Chemical <sup>F</sup>	Food, Powders, Capsules, Tablets, Liquids, Water	Lead	USP <232>, <233> using ICP-MS	D.L.= Minimum 0.025 mg/mL
		Mercury		D.L. = Minimum 0.05 mg/mL
		Arsenic		D.L.= Minimum 0.025 mg/mL
		Cadmium		D.L.= Minimum 0.025 mg/mL
		Niacin	Method MML 170.05.01 by HPLC	D.L. = 0.98 mg/mL
		Niacinamide		D.L. = 0.98 mg/mL
		Thiamine		D.L. = 0.47 mg/mL
		Vitamin B6		D.L. = 0.30 mg mL
		Caffeine		D.L. = 0.62 mg/mL
		Cannabis	Lead	ICP-MS
	Mercury		LOD = 0.028 µg/g	
	Arsenic		LOD = 0.020 µg/g	
	Cadmium		LOD = 0.0084 µg/g	
	Cannabis Leaves, Flower Extracts, Concentrates, Infused Products	Cannabinoids	HPLC	LOD = 0.617 µg/g
	Food, Powders, Capsules, Tablets, Liquids, Water, Cannabis, Plant Matter, Botanical Extracts	Identity	FTIR	Qualitative Analyses Conforms/Non-conforms
Moisture/LOD		Gravimetric	LOD = 0.13 %	
Pesticides		LC-MS-MS	0.193 µg/g to 46.528 µg/g LOQ = 6.67 µg/g	
Microbiological <sup>F</sup>	Cannabis	Total Aerobic Count	USP <2022>, <2021> (using Biolumix)	D.L. = Minimum 100 CFU/g Presence/Absence
		Yeast and Mold		
		Coliforms		
		E. coli		
		Staph aureus		
		Salmonella		
	Food/Meat Products	E. Coli O157:H7	AOAC 070807 Rapidchek	Qualitative Pathogen Testing Presence/Absence
	Food/Meat Products, Powders, Capsules, Tablets, Liquids, Water, Cannabis, Carcass Swabs, Environmental Swabs	Listeria	AOAC 997.03 BioControlListeria Visual immunopreipitate (VIP) Assay	D.L. = 1 CFU/sample
		Staph Aureus	USP <62>	
Salmonella		Compact Dry Salmonella		



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Microbiological <sup>F</sup>	Food/Meat Products, Powders, Capsules, Tablets, Liquids, Water, Cannabis, Carcass Swabs, Environmental Swabs	E. Coli	Compact Dry EC AOAC 110402	Quantitative Analyses, 1 CFU/sample, CFU/g, CFU/mL, CFU/cm <sup>2</sup>
		Coliforms		
		E Coli	AOAC 991.14 – Petrifilm AOAC 990.12 – Petrifilm AOAC 121301 – Petrifilm	
		Coliforms		
		Total Plate Count		
		Total Yeast and Mold Count		
	Food, Powders, Capsules, Tablets, Liquids, Water	Total Aerobic Count	USP <2022>, <2021> (using Biolumix)	D.L. = Minimum 100 CFU/g
		Yeast and Mold		
		Coliforms		Presence/Absence
		E. coli		
Staph aureus				
Salmonella				

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