



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

***MICRO-CHEM Laboratories, Inc.***  
*711 6<sup>th</sup> Avenue North, Suite 100 Seattle, WA 98109*

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

**ISO/IEC 17025:2005**  
**& Meets the Requirements of the AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceutical-2010 & APLAC TC 007 Guidelines for Food Testing Laboratories**

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 January 2009):

***Microbiological Testing of Food and Related Items***  
*(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

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>
March 15, 2010	March 13, 2016	June 30, 2018
<i>Revision Date:</i>	<i>Accreditation No.:</i>	<i>Certificate No.:</i>
March 15, 2017	64590	L16-108-R2

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



# Certificate of Accreditation: Supplement

## MICRO-CHEM Laboratories, Inc.

711 6<sup>th</sup> Avenue North, Suite 100 Seattle, WA 98109  
 Contact Name: Matthew Andrews Phone: 206-633-3637

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 <sup>F</sup>	Food & Food related item spoilage & Environmental –swabs	Total Plate Count	FDA/BAM Chapter 3	<1 CFU/g to 10 <sup>6</sup> CFU/g
		Total Coliform/E.coli count	AOAC 991.14 & FDA/BAM Chapter 4 – MPN	<10 CFU/g to 10 <sup>6</sup> CFU/g  <3 MPN/g to 110 000 MPN/g
		Staphylococcus Aureus count	FDA/BAM Chapter 12	<10 CFU/g to 10 <sup>6</sup> CFU/g
		Yeast & Mold count	FDA/BAM Chapter 18	
		Enterobacteriaceae count	AOAC 2003.01	
		Anaerobic Plate count, Lactobacillus count	Local Instructions	
		Microbial Spore count, Thermoduric Spore count		
		TEMPO Aerobic Count (AC)	AOAC RI 121204	<10 CFU/g to 4.9 x 10 <sup>6</sup> CFU/g (mL)
		TEMPO Total Coliform	AOAC RI 060702	<10 CFU/g to 4.9 x 10 <sup>6</sup> CFU/g (mL)
		TEMPO E.coli	AOAC OMA 2009.02	
		TEMPO Coagulase Positive Satphylococcus count	AOAC RI 120901	
		TEMPO Yeast & Mold count	AOAC RI 041001	
		TEMPO Lactic Acid Bacteria	Local Instructions	
		TEMPO Enterobacteriaceae Count	AOAC RI 050801	
			BAX Vibro Cholerae parahaemolyticus vulnificus	AOAC 050902
	Food & Food related item & Environmental –swabs	Salmonella	AOAC 2003.09 BAX FDA/BAM	Positive/ Negative
		Listeria Genus	AOAC RI 030502 BAX FDA/BAM	
		Listeria Monocytogenes	AOAC 2003.12 BAX FDA/BAM	
		VIDAS Salmonella (SLM)	AOAC OMA 2011.03	
		VIDAS Salmonella Phage Assay Technology (SPT)	AOAC OMA 2013.01	



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Biological <sup>F</sup>	Food & Food related item & Environmental—swabs	Egg Allergen Protocol	Neogen work instruction S-Elisa(E)	2.5 ppm to 25 ppm
		Milk Allergen Protocol	Neogen work instruction S-Elisa(M)	
		Soy Allergen Protocol	Neogen work instruction S-Elisa(S)	
		Casein Allergen Protocol	Neogen work instruction S-Elisa(C)	
		Peanut Allergen Protocol	AOAC RI 030403	
		Crustacea Allergen Protocol	Neogen work instruction S-Elisa(Cr)	
		Gliadin Allergen Protocol	AOAC RI 061201	2.5 ppm to 40 ppm
		Clostridium Perfringens	BAM Chapter 16	Present/Absence
	Food and food related items; Swabs from Food Plants	Bacillus cereus	BAM Chapter 14 AFNOR AES 10/10-0710	1 CFU/g to 10 <sup>6</sup> CFU/g
		TEMPO Bacillus cereus count	AOAC RI 071401	10 CFU/g to 4.9 x 10 <sup>6</sup> CFU/g
	Food and food related items	VIDAS Listeria Species (LIS)	AOAC OMA 2004.06	Positive/Negative
		VIDAS Listeria Monocytogenes (LMOII)	AOAC OMA 2004.02	
		FAT	AOAC 950.54 AOAC 922.06	0 % to 50 %
		SALT	AOAC 971.19 AOAC 976.19	0 % to 10 %
Moisture		AOAC 934.01 AOAC 950.46	0 % to 100 %	
BAX STEC Panel 1 (026-0111-0145)		AOAC RI 091301	Presence/Absence	
BAX STEC Panel 2 (045-0103-0145)				
BAX STEC PCR Screening				
BAX E.coli 0157:H7MP	AOAC 050501 BAX & FDA/BAM			
Environmental –swabs	VIDAS Listeria Monocytogenes (LMOII)	AOAC OMA 2004.02	Positive/ Negative	
	VIDAS Listeria Species (LIS)	AOAC RI 981202 FDA/BAM		
Drinking Water	E.coli/coliform	SM 9221 D & F	Presence/Absence	



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1. 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.
2. Laboratory performs testing to ISO/IEC 17025:2005 to the above scope for certifying bodies that may comply with ISO/IEC 17065:2012 under the provisions of section 6.2, 7.4, and 7.7 of that standard.

