



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

HRI Labs

Fairfield, IA 52556

Mailing Address: PO BOX 370, Fairfield, IA 52556

(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 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:

September 11, 2018

Issue Date:

September 11, 2018

Expiration Date:

November 30, 2020

Revision Date:

October 17, 2019

Accreditation No.:

92657

Certificate No.:

L18-410-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.pjilabs.com



Certificate of Accreditation: Supplement

HRI Labs

Fairfield, IA 52556

Mailing Address: PO BOX 370, Fairfield, IA 52556

Contact Name: Larry Bohlen Phone: 641-552-6258

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 ^F	Water	Glyphosate and AMPA	LC MS/MS SOP NO. TM0007V2.2	Glyphosate: LOD = 0.007 ng/mL AMPA: LOD = 0.01 ng/mL
	Urine		LC MS/MS SOP NO. TM0006V2.2	Glyphosate: LOD = 0.02 ng/mL AMPA: LOD = 0.013 ng/mL
	Food and Diverse Liquid and Solid Matrices	Pesticide multiresidue: 3-Hydroxycarbofuran Acephate Acetamiprid Aldicarb Aldicarb sulfone Ametryn Aminocarb Amitraz Benalaxyl Bendiocarb Boscalid Bupirimate Buprofezin Butafenacil Butoxycarboxim Carbaryl Carbendazim Carbetamide Carbofuran Carboxin Chlorantraniliprole Chloroxuron Chlortoluron Clethodim Cyazofamid Cymoxanil Cyprodinil Desmedipham Dicrotophos	LC-MS/MS SOP NO. TM0008V1.0	Glyphosate: LOD = 0.007 ng/mL AMPA: LOD = 0.01 ng/mL
			LC-MS/MS SOP NO. TM0015V1.0	LOD = 0.044 ng/mL LOD = 0.48 ng/mL LOD = 0.004 ng/mL LOD = 0.074 ng/mL LOD = 0.06 ng/mL LOD = 0.024 ng/mL LOD = 0.081 ng/mL LOD = 0.239 ng/mL LOD = 0.048 ng/mL LOD = 0.149 ng/mL LOD = 0.101 ng/mL LOD = 0.032 ng/mL LOD = 0.037 ng/mL LOD = 0.052 ng/mL LOD = 0.02 ng/mL LOD = 0.036 ng/mL LOD = 0.023 ng/mL LOD = 0.07 ng/mL LOD = 0.032 ng/mL LOD = 0.044 ng/mL LOD = 0.041 ng/mL LOD = 0.069 ng/mL LOD = 0.044 ng/mL LOD = 0.077 ng/mL LOD = 0.069 ng/mL LOD = 0.152 ng/mL LOD = 0.056 ng/mL LOD = 0.044 ng/mL LOD = 0.051 ng/mL



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Chemical ^F	Food and Diverse Liquid and Solid Matrices	Pesticide multiresidue: Diethofencarb Diflubenzuron Dimethoate Dimethomorph Dimoxystrobin Diniconazole Dinotefuran Diuron Epoxiconazole Etaconazole Ethiofencarb Ethirimol Fenamidon Fenazaquin Fenoxycarb Fenuron Flufenacet Fluometuron Fluoxastrobilin Flusilazole Flutolanil Fuberidazole Furalaxyl Furathiocarb Imazalil Imidacloprid Ipconazole Isoprocarb Isoproturon Mandipropamid Mefenacet Mepanipyrim Mepronil Metalaxyl Metconazole Methamidophos Methomyl Methoprotryne Methoxyfenozide Metobromuron Metribuzin Mevinphos	LC-MS/MS SOP NO. TM0015V1.0	LOD = 0.018 ng/mL LOD = 0.035 ng/mL LOD = 0.032 ng/mL LOD = 0.028 ng/mL LOD = 0.028 ng/mL LOD = 0.046 ng/mL LOD = 0.028 ng/mL LOD = 0.064 ng/mL LOD = 0.158 ng/mL LOD = 0.052 ng/mL LOD = 0.069 ng/mL LOD = 0.04 ng/mL LOD = 0.036 ng/mL LOD = 0.048 ng/mL LOD = 0.078 ng/mL LOD = 0.048 ng/mL LOD = 0.048 ng/mL LOD = 0.044 ng/mL LOD = 0.046 ng/mL LOD = 0.069 ng/mL LOD = 0.052 ng/mL LOD = 0.02 ng/mL LOD = 0.041 ng/mL LOD = 0.105 ng/mL LOD = 0.036 ng/mL LOD = 0.055 ng/mL LOD = 0.036 ng/mL LOD = 0.064 ng/mL LOD = 0.028 ng/mL LOD = 0.044 ng/mL LOD = 0.037 ng/mL LOD = 0.018 ng/mL LOD = 0.076 ng/mL LOD = 0.037 ng/mL LOD = 0.044 ng/mL LOD = 0.076 ng/mL LOD = 0.02 ng/mL LOD = 0.028 ng/mL LOD = 0.055 ng/mL LOD = 0.065 ng/mL LOD = 0.092 ng/mL LOD = 0.040 ng/mL



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Chemical ^F	Food and Diverse Liquid and Solid Matrices	Pesticide multiresidue: Mexacarbate Monceren Monocrotophos Monolinuron Neburon Nuarimol Oxadixyl Oxamyl Penconazole Phenmedipham Picoxystrobin Pirimicarb Prochloraz Promecarb Prometon Prometryne Propiconazole Propoxur Pyracarbolid Pyraclostrobin Pyrimethanil Rotenone Sebumeton Siduron Simazine Simetryn Spiromesifen Spirotetramat Tebufenozide Tebuthiuron Terbumeton Terbutryn Tetraconazole Thiacloprid Triadimefon Trichlorfon Tricyclazole Trifloxystrobin Triflumizole Vamidothion Zoxamide	LC-MS/MS SOP NO. TM0015V1.0	LOD = 0.028 ng/mL LOD = 0.036 ng/mL LOD = 0.02 ng/mL LOD = 0.053 ng/mL LOD = 0.041 ng/mL LOD = 0.074 ng/mL LOD = 0.032 ng/mL LOD = 0.032 ng/mL LOD = 0.069 ng/mL LOD = 0.04 ng/mL LOD = 0.028 ng/mL LOD = 0.028 ng/mL LOD = 0.036 ng/mL LOD = 0.06 ng/mL LOD = 0.024 ng/mL LOD = 0.044 ng/mL LOD = 0.074 ng/mL LOD = 0.032 ng/mL LOD = 0.028 ng/mL LOD = 0.032 ng/mL LOD = 0.04 ng/mL LOD = 0.078 ng/mL LOD = 0.028 ng/mL LOD = 0.184 ng/mL LOD = 0.032 ng/mL LOD = 0.032 ng/mL LOD = 0.111 ng/mL LOD = 0.046 ng/mL LOD = 0.064 ng/mL LOD = 0.024 ng/mL LOD = 0.055 ng/mL LOD = 0.036 ng/mL LOD = 0.053 ng/mL LOD = 0.020 ng/mL LOD = 0.048 ng/mL LOD = 0.214 ng/mL LOD = 0.056 ng/mL LOD = 0.040 ng/mL LOD = 0.069 ng/mL LOD = 0.032 ng/mL LOD = 0.060 ng/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.