



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Indiana Crop Improvement Association, Inc.

7700 Stockwell Road, Lafayette, IN 47909

*(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 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

Initial Accreditation Date:

October 08, 2014

Issue Date:

October 29, 2024

Expiration Date:

January 31, 2027

Accreditation No.:

83099

Certificate No.:

L24-825

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.pjlab.com*



Certificate of Accreditation: Supplement

Indiana Crop Improvement Association Inc.

7700 Stockwell Road, Lafayette, IN 47909
Contact Name: John Zheng Phone: 765-523-2535

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	Biological ^F	Seed or Plant	Protein	Commercial ELISA or Lateral Flow Strip kit Protocols (Agdia Inc or EnviroLogix Inc)	ELISA Lateral Flow Strip
F1, F4			PCR of specific DNA sequence or GMO event(s)	ICIA Work Instruction (PCR - Dispense and Run)	Real-time and End-point PCR ICIA
F1, F4		Seed or Grain	Detection of Mycotoxins	Kit manufacturer protocol (EnviroLogix Inc)	Lateral Flow Strip
F1, F4		Seed	Single Nucleotide Polymorphism (SNP)-based Genetic Purity	ICIA Work Instruction (SNPs PCR)	Real-time and End-point PCR ICIA
F1, F4			Germination	AOSA Rules for Testing Seed, Section 6); ICIA Work Instructions (Warm Corn and Soybean Planting on Roll Towel; Warm Sand Germination Planting; Cold Germination Planting)	Planting Board and Temperature controlled chambers. Roll Towel or Sand Planting technique. Visual observation for dead, abnormal and normal germinated seeds
F1, F4			Purity and Noxious Exam	AOSA Rules for Testing Seed, Sections 2-5); ICIA Work Instructions (Purity Analysis and Noxious Weed Exam)	Observation under a Microscope or Diaphanoscope, separation of pure seed; other crop seed; inert matter; and weed seed and identification of noxious weed species if there is any.
F1, F4			Herbicide Bioassay	Based on trait provider validated methods; ICIA Work Instructions (Balance Soybean Herbicide-Kimpak/Sand; Dicamba Soybean Herbicide-Roll Towel, Liberty Link Corn and Soybeans; Round Up Corn & Soybeans; STS Soybean Herbicide)	Follow the techniques provided by Herbicide trait providers and develop ICIA internal work instructions accordingly. After herbicide treatments, visual observation for normal, abnormal, dead, or non-tolerant seeds.
F1, F4			Tetrazolium testing (TZ)	AOSA Rules for Testing Seed, Sections 8); AOSA/SCST TZ handbook); ICIA Work Instructions (TZ Testing)	Microscope. After TZ staining, observation under a microscope for dead and living seeds)



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F1, F4	Biological ^F	Seed	Vigor Testing	AOSA Seed Vigor Testing Handbook; ICIA Work Instructions (Cold Germination Planting; Saturated Cold Germination Planting)	Planting Board and Temperature controlled chambers. Visual observation to identify normal seedlings, short shoots, and abnormal seedlings

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