



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Illinois Crop Improvement Association, Inc.
3105 Research Road, Champaign, IL 61822

(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, Chemical and Mechanical Testing of Seed, Grain, and Other
Agricultural Products***
(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

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

Initial Accreditation Date:

January 25, 2008

Issue Date:

July 06, 2021

Expiration Date:

July 6, 2023

Accreditation No.:

59416

Certificate No.:

L21-432

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

Illinois Crop Improvement Association, Inc.

3105 Research Road, Champaign, IL 61822
 Contact Name: Hannah Hudson Phone: 217-359-4053

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
Biological ^F	Corn, Soybeans, Wheat, Sunflowers, Small Seed (including vegetable, flower, grasses, weed and other crop seeds)	Warm germination	AOSA Rules for Testing Seeds (AOSA) Canadian Methods and Procedures for Testing Seeds (Canadian M & P)
		Cold Test	AOSA Vigor Testing Handbook (AOSA)
		Saturated Cold Test	AOSA Vigor Testing Handbook (AOSA)
		Purity	AOSA Rules for Testing Seeds (AOSA) Canadian Methods and Procedures for Testing Seeds (Canadian M & P)
	Corn	Trait Confirmation (testing of individual seeds by ELISA)	Relevant Kit Manufacturer Protocols
	Corn & Soybean	Trait Presence (testing of bulk sample) by Immunoassay	
	Processed Soybean Products		
	Corn, Soybeans, Similar Crops	Trait Confirmation (testing of individual seeds) by Visual Analysis of Susceptibility to Herbicide Imbibition	IL Crop Work Instructions
			IL Crop Work Instructions Trait Developer Protocol
		Trait Confirmation (testing of individual seeds) by Visual Analysis of Susceptibility to Foliar Application of Herbicide	
Corn	Waxy Purity	CRA A-28	
Chemical ^F	Crop Seeds and Grains	Electronic Moisture Balance	AOSA Rules for Testing Seeds (AOSA)
		Moisture by Air Oven	ASAE S352.2; AOSA Rules for Testing Seeds (AOSA)
	Seeds, Grains and Related Processed Goods (Ground)	Moisture (loss by drying) by Air Oven	AOCS Ba 2a-38 AACC 44-15A
	Corn and Other Starchy Substrates	Ethanol Fermentation Yield Measurement	IPG 045
	Corn, Soybeans, Wheat (unground seeds)	Proximate Analysis by NIR Spectroscopy (moisture, oil, protein, starch, fiber)	IPG 015



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Chemical ^F	Seeds, Grains and Related Processed Goods	Crude Fiber	AOCS Ba 6a-05
		Ash	AOCS Ba 5a-49
		Oil / Crude Fat	AOCS Ba 3-38 AACC 30-25 AOCS Ac 3-44 AOCS Am 5-04
		Crude Protein / Nitrogen	AOCS Ba 4e-93
Mechanical ^F	Soybeans, Wheat, Corn, Field Beans	Seed Count	AOSA Rules for Testing Seeds (AOSA)
	Corn and Other Materials	Density as calculated from Mass and Sample Displacement (As measured by gas pycnometry)	IPG 009
	Corn	Stress Cracks	GIPSA FGIS Grain Inspection Handbook, Book II, Ch 4; IPG 006

1. 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.