



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EUROFINS BIODIAGNOSTICS, INC.  
 507 Highland Drive  
 River Falls, WI  
 Erin Murphy-Untz Phone: 715-426-0246

BIOLOGICAL

Valid To: December 31, 2019

Certificate Number: 3907.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on seed, seed treatment chemicals, seed oil, plant tissue, DNA, and animal products:

Technology(ies)/Method(s)	Specification(s)/Standard Method(s)	In-House Procedure(s)
Chemical quantification by GC/NPD or HPLC/UV	Proprietary Method	EBDI.5017
Electro-conductivity by Standard Methods	Seed Vigor Testing Handbook	EBDI.6328, 6334
Fatty Acid Profile by GC/FID	Proprietary Method	EBDI.5016
Genetic Purity by Isozyme Electrophoresis, Iso-electric Focusing, and SNP	Proprietary Methods	EBDI.8101-8106, 8108-8114, 8116, 3206, 3208-3216, 3223, 3228-3265, 10400, 10401, 10403, 10307-10311, 10005, 10601-10605
Genotyping and Presence/Absence of Alleles by Micro Array and PCR.	Proprietary Methods	EBDI.10400-10401, 10403, 10307-10311, 10005-10006, 10601-10605, 10003, 10014A-C, 10101-10104
Moisture-Electronic by Standard Methods	AOSA Rules for Testing Seed Volume 1 GAC2500 UGMA	EBDI.6234, 6235
Presence or Absence of Specific DNA Sequence for Adventitious Presence by PCR	Trait Provider Validated Methods (ABI Conventional Endpoint and Real-Time PCR)	EBDI.2115, 2118, 2122, 2149, 2151, 2164, 2165, 2101, 2124, 2125, 2155, 2173, 2148, 2111, 2139, 2144, 2131
Protein Presence or Absence by ELISA or LFD	Trait Provider Validated Method or Relevant Kit Manufacturer Protocol	EBDI.4029, 4033, 4050-4059, 4061,

<b>Technology(ies)/Method(s)</b>	<b>Specification(s)/Standard Method(s)</b>	<b>In-House Procedure(s)</b>
Purity/Noxious by Standard Methods	AOSA Rules for Testing Seed Volumes 1, 2, and 3	EBDI.6214, 6216, 6218, 6220, 6222, 6223, 6224
Quantity of Protein by ELISA	Trait Provider Validated Method	EBDI.4004, 4005, 4049, 4008, 4009
Seed Counts by Standard Methods	AOSA Rules for Testing Seed Volume 1	EBDI.6314
Species Identification	Proprietary Method	EBDI.2174, 2175
Tetrazolium by Standard Methods	AOSA Rules for Testing Seed Volume 1; AOSA/SCST Tetrazolium Testing Handbook	EBDI.6232, 6233
Tolerance to Herbicide by Bioassay or Spray Test	Proprietary Method	EBDI.4501, 4502, 4504-4506, 4507
Vigor by Standard Methods	AOSA Rules for Testing Seed Volumes 1 and 4; Seed Vigor Testing Handbook	EBDI.6264, 6268-6270, 6280-6282
Warm Germination by Standard Methods	AOSA Rules for Testing Seed Volumes 1 and 4	EBDI.6254, 6256, 6258, 6280-6282
Zygosity or Copy Number of Event Specific Traits by PCR	Trait Provider Validated Methods	EBDI.2118, 2141, 2155, 2122, 2149, 2164, 2101, 2124, 2125, 2155, 2173, 2148, 2111, 2139, 2144, 2162, 10400, 10401, 10403, 10307-10311, 10005, 10601-10605





## Accredited Laboratory

A2LA has accredited

### **EUROFINS BIODIAGNOSTICS, INC.**

*River Falls, WI*

for technical competence in the field of

### Biological Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 30<sup>th</sup> day of November 2017.

A handwritten signature in blue ink, appearing to read "L. S. ...", written over a horizontal line.

President & CEO  
For the Accreditation Council  
Certificate Number 3907.01  
Valid to December 31, 2019  
Revised January 30, 2018

*For the tests to which this accreditation applies, please refer to the laboratory's Biological Scope of Accreditation.*