



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

BIOLOGICAL

Valid To: December 31, 2023

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:

<u>Technology(ies)/Method(s)</u>	<u>Specification(s)/Standard Method(s)</u>	<u>In-House Procedure(s)</u>
<i>Amaranthus</i> Species Identification	Proprietary Method	WI20839, 20840
Chemical Quantification by HPLC/UV	Proprietary Method	WI19993
Electro-Conductivity by Standard Methods	Seed Vigor Testing Handbook	WI19748, 19750
Fatty Acid Profile by GC/FID	Proprietary Method	WI19991
Genetic Purity by Isozyme Electrophoresis and SNP	Proprietary Methods	WI20698, 20784, 20785, 20786, 19786, 19811, 19775, 19812, 18877, 18878, 18890, 18963, 18964, 18965, 18966, 18967, 18968, 18973, 19034, 19037, 19038, 19041, 19044, 19045, 19047, 19048, 19056, 19057, 19058, 19059, 19049-19055, 19061-19063, 19070-19081, 20783, 19813, 20702, 19788

<b><u>Technology(ies)/Method(s)</u></b>	<b><u>Specification(s)/Standard Method(s)</u></b>	<b><u>In-House Procedure(s)</u></b>
Genotyping and Presence/Absence of Alleles by Micro Array, Sequencing, and PCR	Proprietary Methods	WI20698, 20784, 20785, 20786, 19786, 19811, 19775, 19812, 20857, 20064, 20065, 20783, 19813, 20702, 19788, 25027, 22469, 20907, 24163, 24910, 24165, 25173, 20704, 20775, 20766, 20779, 24950, 25025, 24654, 24657, 25017, 24949, 26480
Moisture-Electronic by Standard Methods	AOSA Rules for Testing Seed Volume 1 GAC2500 UGMA	WI19730
Presence or Absence of Specific DNA Sequence by PCR	Trait Provider Validated Methods and Internally Developed Methods	WI19789, 20851, 19791, 20698, 20850, 19734, 20702, 20761-20764, 20771, 20852, 20841, 20845, 20848, 20855, 20766, 20779
Protein Presence or Absence by ELISA or LFD	Trait Provider Validated Method or Relevant Kit Manufacturer Protocol	WI18826, 18881, 18884, 17621, 18886, 18892, 18894, 18896, 18897, 18885, 17617, 17616, 17618
Purity/Noxious by Standard Methods	AOSA Rules for Testing Seed Volumes 1, 2, and 3	WI19673-19677, 19685, 19686
Quantity of Protein by ELISA	Trait Provider Validated Method	WI18778, 18822, 18883, 18823, 18824, 17533, 21276, 17615, 17620, 21567, 38337, 37438
Seed Counts by Standard Methods	AOSA Rules for Testing Seed Volume 1	WI19741
Tetrazolium by Standard Methods	AOSA Rules for Testing Seed Volume 1; AOSA/SCST Tetrazolium Testing Handbook	WI19728, 19729
Tolerance to Herbicide by Bioassay or Spray Test	Proprietary Method	WI19129, 19130, 19133, 19458, 19459, 19460

<b><u>Technology(ies)/Method(s)</u></b>	<b><u>Specification(s)/Standard Method(s)</u></b>	<b><u>In-House Procedure(s)</u></b>
Vigor by Standard Methods	AOSA Rules for Testing Seed Volumes 1 and 4; Seed Vigor Testing Handbook	WI19662, 19695, 19663, 19697, 19698
Warm Germination by Standard Methods	AOSA Rules for Testing Seed Volumes 1 and 4	WI19658, 19659, 19660, 19697, 19698
Zygosity or Copy Number of Event Specific Traits by PCR	Trait Provider Validated Methods and Internally Developed Methods	WI20851, 20849, 20764, 19791, 20698, 19734, 20761-20763, 20771, 20852, 20841, 20845, 19789, 20698, 20784, 20785, 20768, 20766, 20786, 19786, 19811, 19775, 19812, 20783, 19813, 20702, 19788, 20766, 20779
16s and ITS identification by Sanger Sequencing	Internally Developed Methods	WI37732, 38737, 29207
Probiotic Strain Identification and Verification by PCR and Sanger Sequencing	Provider Validated Methods and Internally Developed Methods	WI29207, 39294

In recognition of the successful completion of the A2LA evaluation process (including an assessment of compliance with the A2LA Veterinary Laboratory Accreditation Program Requirements, containing the *2021 NAHLN Quality Standard Harmonization of AAVLD and ISO/IEC 17025:2017* criteria), accreditation is granted to this laboratory to perform the following test:

<b><u>Technology(ies)/Method(s)</u></b>	<b><u>Specification(s)/Standard Method(s)</u></b>	<b><u>In-House Procedure(s)</u></b>
Animal Pathogen Diagnostic Testing by PCR	Internally Developed Methods and Relevant Kit Manufacturer Protocol	WI30509, 29207, 39339, 39343



## 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 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA R216 – *Specific Requirements: Veterinary Laboratory Accreditation Program*. 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 April 2017).



Presented this 30<sup>th</sup> day of July 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3907.01  
Valid to December 31, 2023

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