



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EPL BIO ANALYTICAL SERVICES  
9095 West Harristown Blvd.  
Niantic, IL 62551  
Ms. Claire Taylor Phone: 866 963 2143

CHEMICAL

Valid To: January 31, 2016

Certificate Number: 3540.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements, containing 2010 "AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on crops, commodities, oils, processed fractions, feeds, foods, pet foods, and dietary supplements:

<u>Test</u>	<u>Test Method</u>
<b>Wet Chemistry:</b>	
Acid Detergent Fiber	GSOP-NC-3
Ash	GSOP-NC-2
Calories	GSOP-NC-238
Crude Fat - Automated Extraction	GSOP-NC-230
Crude Fat - Hydrolysis	GSOP-NC-141
Crude Fat - Manual Extraction	GSOP-NC-1
Crude Fiber	GSOP-NC-5
Crude Protein - Kjeldahl	GSOP-NC-20
Moisture - Vacuum Oven	GSOP-NC-4
Moisture - Forced Air Oven	GSOP-NC-25
Neutral Detergent Fiber	GSOP-NC-9
Peroxide - Titration	AOCS Official Method Ca 5a-40 (SOP-NC-466)
Total Dietary Fiber - Automated Digestion	GSOP-NC-359

<u>Test</u>	<u>Test Method</u>
<b>UV/Visible Spectroscopy:</b>	
UV Extinction	AOCS Official Method Ch 5-91 (SOP-NC-465)
<b>UPLC-FLR:</b>	
Alpha Tocopherol	GSOP-NC-468
<b>UPLC-UV:</b>	
Amino Acids (Alanine, Arginine, Aspartic Acid, Glutamic Acid, Glycine, Histidine, Isoleucine, Leucine, Lysine, Phenylalanine, Proline, Serine, Threonine, Tyrosine, Valine)	GSOP-NC-58
Cystine and Methionine	GSOP-NC-279
Tryptophan	GSOP-NC-22
<b>UPLC-MS/MS:</b>	
3-Acetyl Deoxynivalenol	GSOP-NC-338
15-Acetyl-Deoxynivalenol	GSOP-NC-338
Aflatoxins B1/B2/G1/G2, T-2 Toxin, H-2 Toxin	GSOP-NC-337
Deoxynivalenol	GSOP-NC-338
Fumonisin B1/B2/B3	GSOP-NC-336
Moniliformin	GSOP-NC-387
Oosporein	GSOP-NC-388
Zearalenone	GSOP-NC-338
<b>GC-MS/MS:</b>	
Pesticides (Organochlorine and Organophosphates: Phorate, Alpha-BHC, Hexachlorobenzene, Beta-BHC, Gamma-BHC, Diazinon, Disulfoton, Delta-BHC, Methyl parathion, Heptachlor, Malathion, Aldrin, Ethyl Parathion, Heptachlor epoxide, trans-Chlordane, cis-Chlordane, Endosulfan I, Endosulfan II, 4',4' DDE, Dieldrin, Endrin, 4',4' DDD, Ethion, Carbophenothion, 4',4' DDT, Endosulfan sulfate, Methoxychlor, Mirex)	GSOP-NC-451
<b>GC-MS:</b>	
Pesticides (Hexachlorobenzene, Heptachlor, Aldrin, Heptachlor epoxide, Dieldrin, Mirex, Endosulfan, alpha-BHC, gamma-BHC, beta-BHC, delta-BHC, 4',4'-DDD, 4',4'-DDE, 4',4'-DDT, Parathion, Methyl Parathion, Malathion, Phorate, Endrin, Disulfoton, Ethion, Methoxychlor, trans-Chlordane, cis-Chlordane, Diazinon, Carbophenothion)	GSOP-NC-364
<b>GC-FID:</b>	
Fatty Acids (C6:0, C8:0, C10:0, C12:0, C14:0, C14:1, C15:0, 15:1, C16:0, C16:1, C17:0, C17:1, C18:0, C18:1, C18:2, C18:3, yC18:3, C18:4, C19:0, C19:1, C20:0, C20:1, C20:2, C20:3, C20:4, C20:5, C21:0, C22:0, C22:1, C22:2, C22:4, C22:5 N3 & N6, C22:6, C23:0, C24:0, C24:1)	GSOP-NC-319



American Association for Laboratory Accreditation

# *Accredited Laboratory*

A2LA has accredited

## **EPL BIO ANALYTICAL SERVICES**

*Niantic, IL*

for technical competence in the field of

### **Chemical 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 12<sup>th</sup> day of December 2013.



  
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President & CEO

For the Accreditation Council  
Certificate Number 3540.01  
Valid to January 31, 2016

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