



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EUROFINS ANALYTICAL LABORATORIES, INC. DBA
 EUROFINS CENTRAL ANALYTICAL LABORATORIES
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CHEMICAL

Valid To: May 31, 2020

Certificate Number: 2993.01

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 the 2015 "AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on foods, feeds, oilseed meals, oilseeds, seafood, spices, oils, and fats:

<u>Test(s)</u>	<u>Matrices</u>	<u>Method(s)</u>	<u>Reference(s)</u>	<u>SOP</u>
Food Quality and Purity				
Agricultural Chemistry				
Crude Fat	Oilseed Meal and Oilseed	Soxhlet / Gravimetry	AOCS Ba 3-38 AOCS Ac 3-44	O-TC-MET6328
Crude Fiber	Oilseed Meal and Oilseed	Fiber Analyzer / Gravimetry	AOCS Ba 6a-05	O-TC-MET6329
Crude Protein	Oilseed Meal and Oilseed	Dumas - Combustion	AOCS Ba 4e-93	O-TC-MET5763
Moisture	Oilseed Meal and Oilseed	Gravimetry	AOCS Ba 2a-38 AOCS Ac 2-41	O-TC-MET5773
Oil Chemistry				
Acid Value	Oils and Fats	Titrimetry	AOCS Cd 3d-63	O-TC-MET11247
Anisidine Value	Oils and Fats	Spectrophotometry	AOCS Cd 18-90	O-TC-MET6369
Diol Composition and Content	Oils and Fats	GC-FID	COI/T.20/Doc. No. 30/Rev.1	O-TC-MET7045
Fatty Acids Profile	Oils and Fats	GC-FID	AOCS Ce 1b-89	O-TC-MET6362
Free Fatty Acids	Oils and Fats	Titrimetry	AOCS Ca 5a-40	O-TC-MET6346
Insoluble Impurities	Oils and Fats	Gravimetry	AOCS Ca 3a-46	O-TC-MET6350
Iodine Value	Oils and Fats	Titrimetry	AOCS Cd 1b-87	O-TC-MET6347
Moisture	Oils and Fats	Gravimetry	AOCS Ca 2b-38	O-TC-MET6349
Peroxide Value	Oils and Fats	Titrimetry	AOCS Cd 8-53 AOCS Cd 8b-90	O-TC-MET6353

<u>Test(s)</u>	<u>Matrices</u>	<u>Method(s)</u>	<u>Reference(s)</u>	<u>SOP</u>
Sterol Composition and Content	Oils and Fats	GC-FID	COI/T.20/Doc. No. 10/Rev.1 COI/T.20/Doc. No. 30/Rev.1	O-TC-MET7045
UV Specific Extinction	Olive Oils	Spectrophotometry	AOCS Ch5-91 COI/T.20/Doc. No. 19/Rev.3	O-TC-MET8887
<u>Contaminants</u>				
Metals				
Heavy Metals – As, Cd, Pb, Hg	Foods and Feeds	ICP-MS	AOAC 2013.06	O-TC-MET6281
Heavy Metals – Cr	Foods and Feeds	ICP-OES	AOAC 986.15 (modified)	O-TC-MET7640
Mycotoxins				
Aflatoxins and Ochratoxin A	Foods, Feeds, Grains, Spices and Nuts	LC-MS/MS	AOAC 999.07 (modified)	O-TC-MET6289
Aflatoxins and Ochratoxin A	Foods and Feeds, including Baby Food, Infant Formula, Spice, Botanical	HPLC-FLD	AOAC 2000.16	O-TC-MET6290
Aflatoxin M1	Dairy Products	HPLC-FLD	ISO 14501 AOAC 2000.08	O-TC-MET17191
Fumonisin	Feeds and Grains	LC-MS/MS	J. AOAC, Vol 92 (2) 496	O-TC-MET6285
Patulin	Fruits and Grains	LC-MS/MS	AOAC 2007.01 (modified)	O-TC-MET7209
Tricothecenes (T2, DON, Zearalenone, DAS, HT2, and Neosolaniol)	Foods and Feeds	LC-MS/MS	Romer Labs Multi-Sep 226 and Multi-Sep 227	O-TC-MET6288
Veterinary Drug Residues				
β-Agonists	Tissue	LC-MS/MS	USDA CLG-AGON1.07	O-TC-MET8128
β-Lactams	Tissue and Dairy	LC-MS/MS	USDA CLG-BLAC.03	O-TC-MET10361
Aminoglycosides	Tissue and Dairy	LC-MS/MS	USDA CLG-AMG4.02	O-TC-MET11312
Chloramphenicol	Seafood and Honey	ELISA	Ridascreen Test Kit	O-TC-MET5868
Chloramphenicol	Enzymes and Feeds	LC-MS/MS	Internal Method	O-TC-MET6194
Coccidiostats	Feed and Tissue	LC-MS/MS	Analytica Chimica Acta, 700 (2011), 26-33	O-TC-MET6241
Fluoroquinolone Drug Residues	Honey	LC-MS/MS	FDA Study 419.01	O-TC-MET6205



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Fluoroquinolones	Seafood	LC-MS/MS	USFDA LIB 4405	O-TC-MET6202
Malachite Green/ Gentian Violet	Seafood	LC-MS/MS	FDA LIB 4395	O-TC-MET7044
Multiclass Antibiotics and Insecticide Residues	Non-Medicated Feed	LC-MS/MS	FDA LIB 4438 (modified)	O-TC-MET6242
Nitrofuran Metabolites	Seafood	LC-MS/MS	U.S. FDA/CFSAN Publication, 01 April 2004	O-TC-MET6196
Nitroimidazoles	Seafood	LC-MS/MS	CFIA SOM-DAR- CHE-057-01, April 30, 2012	O-TC-MET6239
Ractopamine	Tissue, Feeds, Foods	LC-MS/MS	AOAC 2011.23 (modified)	O-TC-MET5867
Streptomycin	Honey and Seafood	ELISA	Ridascreen Test Kit	O-TC-MET6240
Sulfonamide and Tetracycline Antibiotics	Honey	LC-MS/MS	J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89; J Agri Food Chem, 2008, 56	O-TC-MET6198
Sulfonamides and Macrolides	Tissue	LC-MS/MS	NYDOA CHEM- MTH-440	O-TC-MET5872
Tetracyclines	Tissue	LC-MS/MS	AOAC 995.09 (modified)	O-TC-MET5869
Triphenylmethane Dyes	Feeds	LC-MS/MS	USFDA LIB 4395	O-TC-MET5873
Pesticides				
Glyphosate and Glufosinate	Foods and Feeds	LC-MS/MS	J. Agric. Food Chem. 2004, 52, 4057-4063	O-TC-MET6257
Organochlorine Pesticides	Seafood	GC-MS/MS	AOAC 970.52/FDA PAM 304	O-TC-MET6246
Pesticides – CDFA	Grains and Feeds	GC-MS/MS LC-MS/MS	CDFA Multi-Residue Screen Rev. 7	O-TC-MET6250
Pesticides – Quechers	Fruits and Vegetables	GC-MS/MS LC-MS/MS	AOAC 2007.01	O-TC-MET6251
Pesticides in Animal Fats	Fats	GC-MS/MS	N/A	O-TC-MET18980
Other Contaminants				
Acrylamide	Food	LC-MS/MS	J. Agric. Food Chem 2003, 51,7547	O-TC-MET6294
Bisphenol A	Foods and Beverages	LC-MS/MS	AOAC 2007.01 (modified)	O-TC-MET7208
Chlorate/Perchlorate	Foods and Beverages	LC-MS/MS	US FDA, “Rapid Determination of Perchlorate Anion in Foods by Ion Chromatography- Tandem Mass Spectrometry”	O-TC-MET6261

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Inorganic Bromide	Food, Oils, Botanicals	GC-MS	CRL SRM "Bromine Containing Fumigants Determined as Total Inorganic Bromide"	O-TC-MET7049
MCPD and Glycidyl Esters	Food, Oil, Infant Formula	GC-MS/MS	AOCS Cd29b-13	O-TC-MET9767
Melamine and Cyanuric Acid	Foods and Feeds	LC-MS/MS	FDA LIB 4422	O-TC-MET6284
Polyaromatic Hydrocarbons	Food and Oils	GC-MS/MS	Sigma Aldrich, Reporter, 33.4, 22.	O-TC-MET9707
Quaternary Ammonium Compounds	Food and Dairy	LC-MS/MS	EURL, "Quaternary Ammonia Compounds"	O-TC-MET6325
SUDAN I-IV Dyes	Spices and Seasonings	LC-MS/MS	ASTA Analytical Methods 29.0, July 2006	O-TC-MET6292





Accredited Laboratory

A2LA has accredited

EUROFINS ANALYTICAL LABORATORIES, INC. DBA EUROFINS CENTRAL ANALYTICAL LABORATORIES

New Orleans, LA

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 laboratory also meets the requirements of A2LA R204 – *Food and Pharmaceutical Testing 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 14th day of June 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2993.01
Valid to May 31, 2020
Revised March 11, 2019

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