SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INNOVACION Y CONSULTORIA EN TECNOLOGIA Y BIOTECNOLOGIA S.A
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CHEMICAL

Valid To: February 28, 2025 Certificate Number: 5980.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on the matrix(ces) identified below:

Matrix(ces)	Test(s)	Test Method(s)
Animal and Vegetable Fats	Moisture and Volatile Matter by Air Oven Method	AOCS Ca 2c-25:2017
Animal and vegetable Fats and Oils	Determination of Anisidine Value	ISO 6885:2016
Animal and Vegetable Fats and Oils	Determination of Peroxide Value by Iodometric (Visual) Endpoint Determination	NCh105:2018
Animal Oils	Ethoxyquin	LINN-07-02-001-l
Butter, Fats, Margarines, and Oils	Moisture and Volatile Matter by Hot Plate Method	AOCS Ca 2b-38:2017
Crude and Refined Fats and Oil	Free Fatty Acids	AOCS Ca 5a-40:2017
Fats and Oils	Insoluble Impurities	AOCS Ca 3a-46:2017
Fats and Oils	Iodine Value by Cyclohexane-Acetic Acid Method	AOCS Cd 1d-92:2017

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Matrix(ces)	Test(s)	Test Method(s)
Fats, Oils, Sebum and Fatty Bodies Products; Crude, Refined, Semi-Refined Acidulated, Winterized, Deodorizer; and Distillates and Sludges of Animal, Vegetable, Fish and Marine Origin for Human and Non-Human Consumption	p-Anisidine Value	AOCS Cd 18-90:2017
Fats, Oils, Sebum and Fatty Bodies Products; Crude, Refined, Semi-Refined Acidulated, Winterized, Deodorizer; and Distillates and Sludges of Animal, Vegetable, Fish and Marine Origin for Human and Non-Human Consumption	Peroxide Value, Acetic Acid by Isooctane Method	AOCS Cd 8b-90:2017
Fats, Oils, Sebum and Fatty Bodies Products; Crude, Refined, Semi-Refined Acidulated, Winterized, Deodorizer; and Distillates and Sludges of Animal, Vegetable, Fish and Marine Origin for Human and Non-Human Consumption	Preparation of Methyl Esters of Fatty Acids	AOCS Ce 2-66:2017
Fatty Bodies	Method to Determine the Percentage of Unsaponifiable Materials	NCh99.Of56
Fatty Bodies of Animal and Vegetable Origin	Determination of Humidity and Volatile Materials - Dry by Oven Method	NCh100/2/Of81 Part 2: Section 1
Fatty Bodies of Animal and Vegetable Origin	Determination of Soap in Refined Oil	NCh1607.Of80
Fish Oil	Determination of Free Fatty Acids	NCh2759:2002
Fish Oil	Determination of Soap	NCh2765:2002
Fish Oil	Determination of The Content of Insoluble Impurities	NCh2744:2002
Marine and Other Oils Containing Long Chain Polyunsaturated Fatty Acids (PUFAs)	Saturated, cis-Monounsaturated, and cis-Polyunsaturated Fatty Acids by Capillary Gas Liquid Chromatography[1]	AOCS Ce 1i-07:2017

Matrix(ces)	Test(s)	Test Method(s)
Marine Oils	Fatty Acid Composition of Marine Oils by GLC[1]	AOCS Ce 1b-89:2017
Oil	Soap by Titrimetric Method	AOCS Cc 17-95:2017

[1]Fatty Acid Profile

C4:0	Butyric Acid
C6:0	Caproic Acid
C8:0	Caprylic Acid
C10:0	Capric Acid
C11:0	Undecanoic Acid
C12:0	Lauric Acid
C13:0	Tridecanoic Acid
C14:0	Myristic Acid
C14:1	Myristoleic Acid
C15:0	Pentadecanoic Acid
C15:1	cis-10-Pentadecenoic Acid
C16:0	Palmitic Acid
C16:1	Palmitoleic Acid
C16:2n4	cis-9,12-Hexadecadienoic Acid
C16:3n4	cis-9,12,15-Hexadecatrienoic Acid
C16:4n1	cis-6,9,12,15-Hexadecatetraenoic Acid
C17:0	Heptadecanoic Acid
C17:1	cis-10-Heptadecenoic Acid
C18:0	Stearic Acid
C18:1n7	cis-11-Octadecanoic Acid
C18:1n9 (c+t)	Oleic + Elaidic Acids
C18:2n6 (c+t)	Linoleic + Linoelaidic Acids
C18:3n3	α-Linolenic Acid
C18:3n4	cis-9,11,14-Octadecatrienoic Acid
C18:3n6	γ-Linolenic Acid
C18:4n3	cis-6,9,12,15-Octadecatetraenoic Acid
C20:0	Arachidic Acid
C20:1n7	Paullinic Acid
C20:1n9	Gondoic Acid
C20:1n11	Gadoleic Acid
C20:2n6	cis-11,14-Eicosadienoic Acid
C20:3n3	cis-11,14,17-Eicosatrienoic Acid
C20:3n6	cis-8,11,14-Eicosatrienoic Acid
C20:4n3	cis-8,11,14,17-Eicosatetraenoic Acid
C20:4n6	Arachidonic Acid
C20:5n3	cis-5,8,11,14,17-Eicosapentaenoic Acid (EPA)
C21:0	Henicosanoic Acid
C22:0	Bahenic Acid
C22:1n9	Erucic Acid
C22:1n11	Cetoleic Acid
C22:2n6	cis-13,16-Docosadienoic acid
C22:4n6	cis-7,10,13,16-Docosatetraenoic Acid
C22:5n3	cis-7,10,13,16,19-Docosapentaenoic Acid (DPA)
C22:5n6	cis-4,7,10,13,16-Docosapentaenoic Acid
C22:6n3	cis-4,7,10,13,16,19-Docosahexaenoic Acid (DHA)
C23:0	Tricosanoic Acid
C24:0	Lignoceric Acid
C24:1n9	Nervonic Acid

Accredited Laboratory

A2LA has accredited

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for technical competence in the field of

Chemical 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 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 15th day of February 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5980.01
Valid to February 28, 2025

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