



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CHEMICAL

Valid To: October 31, 2025

Certificate Number: 2102.02

In recognition of the successful completion of the A2LA evaluation process, including an assessment of the laboratory's compliance with the FDA Laboratory Accreditation for Analyses of Foods, contained in the FDA Document Number 2021-25716, accreditation is granted to this laboratory to perform the following tests on food products:

<u>Test</u>	<u>Reference Method(s)</u>	<u>Internal Method(s)</u>
Acidity (Volumetric)		
Condiments	AOAC 935.57	SEF-AC
Fruit	AOAC 942.15	
Milk	AOAC 947.05	
Roasted Coffee	AOAC 920.92	
Sauces and Dressings	AOAC 935.57	
Vegetables	AOAC 925.53	
Wines	AOAC 962.12	
Ash (Gravimetric)		
Animal Feeds	AOAC 942.05	SEF-C
Bread	AOAC 930.22	
Cereal Grains	AOAC 923.03	
Cheese	AOAC 935.42	
Cream	AOAC 920.108	
Cocoa and derivates	AOAC 972.15	
Dried Milk	AOAC 930.30	
Fish	AOAC 938.08	
Flour	AOAC 923.03	
Macaroni	AOAC 925.11A	
Meat and Meat Products	AOAC 920.153	
Milk	AOAC 945.46	
Roasted Coffee	AOAC 920.93	
Tea	AOAC 920.100	
Vegetables	AOAC 925.51	
Caffeine (HPLC)		

Test	Reference Method(s)	Internal Method(s)
Coffee, Energy Drinks, and Tea	INEN-ISO 20481	SEIN-CAF
Cannabinoids: THC, CBD (HPLC)		
Cocoa products	AOAC 2018.11	SEIN-CANNA
Cosmetics		
Drinks		
Hemp and hemp flower		
Oils		
Cholesterol (CG-FID)		
Foods	AOAC 994.10	SEIN-CL1
Crude Fat (Gravimetric)		
Animal Feed	AOAC 920.39; AOAC 954.02	SEF-G
Cereal Grains	AOAC 920.85; AOAC 945.38	
Condiments	ISO 1108	
Meat and Meat Products	AOAC 991.36	
Sauces and Dressings	AOAC 950.54	
Food and Animal Feed	Ankom Method (AOCS Am 5-04)	SEF-G1
Digestibility in Pepsin (Gravimetric)		
Animal Food	AOAC 971.09	SEF-PEP
Fat (Gravimetric-Hydrolysis)		
Cheese	AOAC 933.05	SEF-G
Cocoa and Derivatives	AOAC 963.15 (modified)	
Cream	AOAC 995.19	
Flour	AOAC 922.06	
Macaroni	AOAC 925.12	
Milk	AOAC 989.05	
Lactose (HPLC)		
Milk and Derivatives	AOAC 984.22 (modified)	SEIN-LAC
Lipidic Profile (CG-FID)		
Monounsaturated Fat (CG-FID) – Foods	AOAC 963.22	SEIN-PL1
Polyunsaturated Fat (CG-FID) – Foods		
Saturated Fat (CG-FID) – Foods		
Methanol (CG-FID)		
Alcoholic Drinks	AOAC 968.09; INEN 2014	SEIN-ALC
Minerals		
Arsenic (AA-Flame, Hydrides Generation) – Cocoa and Cocoa Derivatives, Foods	AOAC 986.15 (modified)	SEIN-MIN1
Mercury (AA – Hydride Generation) - Foods	AOAC 971.21 (modified)	
Cadmium (AA-Flame, Graphite Oven) – Cocoa and Cocoa Derivatives, Foods	AOAC 999.11 (modified)	SEIN-MIN1

Test	Reference Method(s)	Internal Method(s)
Calcium (AA-Flame) – Milk and Milk Products		
Copper (AA-Flame) – Cocoa and Cocoa Derivatives, Foods		
Iron (AA-Flame) – Foods		
Lead (AA-Flame, Graphite Oven) – Foods		
Manganese (AA-Flame) – Feed and Premixes (Raw Materials)		
Sodium (AA-Flame) – Foods		
Zinc (AA-Flame) – Feed and Premixes (Raw Materials)		
Moisture (Gravimetric)		
Animal Feed	AOAC 934.01	SEF-H
Butter	AOAC 920.116	
Cereal Grains	AOAC 925.09	
Cheese	AOAC 926.08	
Condiments	AOAC 925.55B (modified)	
Cocoa and derivates	AOAC 931.04	
Dried Milk	AOAC 927.05	
Flour	AOAC 925.10	
Meat and Meat Products	AOAC 950.46	
Roasted Coffee	AOAC 979.12	
Sauces and Dressings	AOAC 920.116 (modified)	
Tea	AOAC 925.19	
Nitrogen (Kjeldahl)		
Animal Feed, Forage, Grain, Oil, Seeds	AOAC 2001.11	SEF-P
Cheese	AOAC 920.123	
Seafood	AOAC 940.25	
Meat and Meat Products	AOAC 928.08	
pH (Electrometric)		
Acidified Foods	AOAC 981.12	SEF-pH
Bread	AOAC 945.42	
Condiments	AOAC 943.02 (modified)	
Flour	AOAC 943.02	
Macaroni	AOAC 940.23	
Milk and derivates	AOAC 973.41	
Sauces and Dressings	AOAC 981.12 (modified)	
Wines	AOAC 960.19	
Protein, Dumas (Incineration)		
Animal Food	AOAC 990.03	SEF-PDU
Cereals and Derivatives (Flours, Noodles, Snacks)		
Fish and Marine Products		
Grains and Derivatives		
Meat and Meat Products		

Test	Reference Method(s)	Internal Method(s)
Milk and Derivatives (Cheese, Milk Powder)		
Cocoa and derivates		
Protein (Kjeldahl)		
Animal Feed, Forage, Grain, Oil, Seeds	AOAC 2001.11	SEF-P
Bread	AOAC 2001.11	
Cereal Grains	AOAC 2001.11	
Dried Milk	AOAC 930.29	
Flour	AOAC 2001.11	
Macaroni	AOAC 2001.11	
Milk	AOAC 991.23 (modified)	
Tea	AOAC 2001.11	
Serum (HPLC)		
Milk and Derivatives	INEN 2401	SEIN-SUL
Sodium Chloride (Volumetric)		
Condiments	INEN 383	SEF-CL
Sauces and Dressings		
Superior Alcohols and Aldehydes (CG-FID)		
Alcoholic Drinks	INEN 2014; AOAC 968.09	SEIN-ALC
Furfural		
Iso-amil active (2-methyl-1-butanol)		
Iso-amil alcohol (3-methyl-1-butanol)		
Iso-amil normal (n-pentanol)		
Iso-butanol (2-methyl-1-propanol)		
Iso-propanol		
Propanol		
Total Dietary Fiber (Gravimetric)		
Foods	AOAC 985.29	SEF-FD
Total Solids (Gravimetric)		
Milk and Milk Products	INEN 14	SEF-ST
Total Sugar (HPLC)		
Glucose	AOAC 977.20 AOAC 980.13 AOAC 982.14	SEIN-AZU
Fructose		
Lactose		
Sucrose		
Foods		
Vitamin A (HPLC)		
Foods	AOAC 2001.13 (modified)	SEIN-VIA
Vitamin B1, B2 (HPLC)		
Drugs	AOAC 953.17 (modified)	SEIN-VBI, B2
Foods		
Vitamin B3 (HPLC)		
Drugs	-----	SEIN-VB3, B5, B6

Test	Reference Method(s)	Internal Method(s)
Foods		
Vitamin B5, B6 (HPLC)		
Drugs	AOAC 2012.16	SEIN-VB3, B5, B6
Nutritional Supplements		
Vitamin B9 (HPLC)		
Drugs	-----	SEIN-FOL
Foods		
Vitamin B12 (HPLC)		
Drugs	AOAC 2011.10 (modified)	SEIN-VB12
Vitamin C (HPLC)		
Foods	AOAC 2012.21 (modified)	SEIN-VIC
Vitamin D2, D3 (HPLC)		
Foods and drugs	AOAC 2002.05	SEIN-VID
Vitamin E (HPLC)		
Foods	AOAC 2012.10 (modified)	SEIN-VIE
Water Activity		
Animal feed	AOAC 978.18	SEF-AW
Food		

These methods have been assessed by A2LA according to A2LA's FDA LAAF Program requirements. Please visit <https://datadashboard.fda.gov/ora/fd/laaf.htm> for a list of current LAAF-Accredited Laboratories.



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 laboratory also meets the requirements of A2LA R258 – Specific Requirements – FDA Laboratory Accreditation for Analyses of Foods (LAAF) 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 4th day of April 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2102.02
Valid to October 31, 2025

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