



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **ALKEMI S.A.U. (GRUPO AGQ LABS)**

C/ TIERRA DE BARROS, 2  
COSLADA, MAD, 28823, KINGDOM OF SPAIN

**Testing Laboratory TL-923**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date March 20, 2022



A handwritten signature in black ink, reading "Raj Nathan".

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## ALKEMI S.A.U. (GRUPO AGQ LABS)

[www.alkemi.es](http://www.alkemi.es)

**Contact Name** Ana Quintanilla

**Contact Phone** +34 916739149

*Accredited to ISO/IEC 17025:2017*

*Effective Date March 20, 2022*

AM-704	Ochratoxin by quantitative ELISA in cereals and feed
AM-705	Vomitoxin by quantitative ELISA in cereals and feed
AM-706	Fumonisin by quantitative ELISA in cereals and feed
AM-707	Zearalenon by quantitative ELISA in cereals and feed
AM-711	Gluten by quantitative ELISA (R5 antibody) in food (except highly hydrolyzed and/or fermented products)
AM-717	Aflatoxin M1 by quantitative ELISA in milk, dried milk and cheese
AM-718	Aflatoxin by qualitative ELISA in cereals and feed (aflatoxin sum)
AM-719	Almond allergen by quantitative ELISA in food
AM-720	Hazelnut allergen by quantitative ELISA in food
AM-721	Peanut allergen by quantitative ELISA in food
AM-722	Egg allergen by quantitative ELISA in food
AM-723	Casein allergen by quantitative ELISA in food
AM-724	Soy (allergen) by quantitative ELISA in food
AM-730	Aflatoxin B1 by quantitative ELISA in cereals and feed
AM-733	Milk allergen by quantitative ELISA in food
AM-2003	Fish allergen detection by real time PCR in food
AM-2011	Crustacean allergen detection by real time PCR in food
AM-2054	Detection of Salmonella spp. by PCR in food and feed
AM-2055	Detection of Listeria monocytogenes by PCR in food and feed
AQ-232	Determination of Scoville scale by HPLC with fluorescence detector in paprika.
AQ-240	Vitamin A, Vitamin E by HPLC with UV-VIS detector in food
AQ-241	Determination of Vitamin A by HPLC and of Vitamin E by HPLC in feed

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AQ-251	Determination of Vitamin C by HPLC with UV-Visible detector in food
AQ-275	Cholesterol by gas chromatography with mass spectrometry detector in feed
AQ-297	Cholesterol by gas chromatography with mass spectrometry detector in food
AQ-298	Determination of fatty acid methyl esters by CG/FID Chromatography in fat extracted from foodstuffs
AQ-409	Determination of Asta Color by UV-VIS Spectrophotometry in Paprika
AQ-411	Determination of Starch by UV-VIS in meat and meat products
AQ-413	Chlorides by extraction and argentometric valuation in food
AQ-420	Sulphites and Sulfur dioxide by distillation and iodometric assessment in food
AQ-429	Water activity by electrolytic cell in food
AQ-452	Determination of sodium nitrate by ion chromatography in meat products and derivatives
AQ-453	Ether extract by gravimetry in paprika
AQ-454	Determination of crude fat by gravimetry "without hydrolysis", in feed and in cereals
AQ-456	Moisture by gravimetry in feed and cereals
AQ-457	Determination of crude fiber by gravimetry in feed and its materials
AQ-468	Phosphorus by UV-VIS spectrophotometry in feed and its raw materials
AQ-484	Hidroxyproline by UV-VIS spectrophotometry in meat and meat products
AQ-496	Determination of crude protein by volumetry in feed and cereals
AQ-510	Determination of Total Sugars and reducing sugar by Luff-Schoorl method in food
AQ-528	Determination of crude fat by gravimetry with previous hydrolysis in feed and in cereals
AQ-529	Moisture by gravimetry in food
AQ-531	Protein by volumetry in food
AQ-533	Determination of Fats by gravimetry, with previous hydrolysis in food.
AQ-951	Copper by atomic absorption spectrometry in feed
AQ-956	Sodium by atomic flame absorption spectrometry in food
PE-279	Determination of Dietary Fiber by enzymatic digest method in food
PE-324	Determination of total elements in food, feed and dietary supplement by ICP-MS spectroscopy (Toxic Metals). (LoQ available in Annex I)

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PE-355	Determination of ash by calcination/gravimetry in food and feed
PE-465	Detection and / or quantification of sars-cov-2 by real-time RT-PCR in waste water and surfaces
PE-686	Cholesterol by CG/FID Chromatography in food and feed
PE-987	Determination of protein by elemental analyzer in food and feed
PE-2117	Determination of total fats and humidity by NMR (nuclear magnetic resonance) in food
PE-2207	Moisture, protein and fat, Ash, Salt (Chlorides), Water Activity, Energy value and Carbohydrates by NIR in food

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## Annex I

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHODS REFERENCE	Analyte/limit of Quantification (LoQ)	
				Analyte	Limit of Quantification (LoQ)
ICP-MS Spectroscopy	Food and Feed	Total Elements (Ag, As, B, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Li, Mn, Mo, Ni, Pb, Sb, Se, Sn, Sr, Ti, V, Zn)	PE-324 Determination of total elements in food, feed and dietary supplement by ICP-MS spectroscopy (Toxic Metals)	Ag	0.01 mg/kg
				As	0.025 mg/kg
				B	0.5 mg/kg
				Be	0.25 mg/kg
				Ba	0.25 mg/kg
				Cd	0.01 mg/kg
				Co	0.01 mg/kg
				Cr	0.025 mg/kg
				Cu	0.5 mg/kg
				Fe	0.5 mg/kg
				Hg	0.01 mg/kg
				Li	0.5 mg/kg
				Mn	0.025 mg/kg
				Mo	0.025 mg/kg
				Ni	0.25 mg/kg
				Pb	0.01 mg/kg
				Sb	0.025 mg/kg
				Se*	0.25 mg/kg
				Sn	0.25 mg/kg
				Sr	0.25 mg/kg
Ti	0.25 mg/kg				
V	0.025 mg/kg				
Zn	0.5 mg/kg				
	Dietary Supplement	Total Elements (As, Cd, Cr, Cu, Fe, Hg, Mn, Mo, Pb, Se, Zn)	PE-324 Determination of total elements in food, feed and dietary supplement by ICP-MS spectroscopy (Toxic Metals)	As	0.1 mg/kg
				Cd	0.1 mg/kg
				Cr	0.2 mg/kg
				Cu	2 mg/kg
				Fe	2 mg/kg
				Hg	0.02 mg/kg
				Mn	2 mg/kg
				Mo	0.2 mg/kg
				Pb	0.1 mg/kg
Se	0.2 mg/kg				
Zn	2 mg/kg				

\*Se except flours and feed: LoQ = 0.5 mg/kg