



CERTIFICATE OF ACCREDITATION

This is to attest that

AGQ USA

2451 EASTMAN AVENUE, SUITE 1
OXNARD, CALIFORNIA 93030

Testing Laboratory TL-509

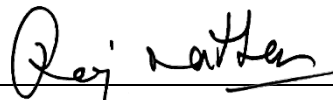
has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website (www.iasonline.org).

This certificate is valid up to September 1, 2020.



This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.




Raj Nathan
President



SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-509
Company Name	AGQ USA
Address	2451 Eastman Ave., Ste. 1 Oxnard, CA 93030
Contact Name	María Peña, Laboratory Director Tawei Ma, Quality Assurance Manager
Telephone	+1 (805) 981-2972
Effective Date of Scope	October 9, 2019
Accreditation Standard	ISO/IEC 17025:2017

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Metals by ICP-OES (Elemental Analysis)	Foliage	Boron, Calcium, Copper, Magnesium, Manganese, Potassium, Sodium, Zinc, Sulfur, Phosphorus and Iron	PECUSA-009
Metals by ICP-OES (Elemental Analysis)	Soil Solutions, Water	Calcium, Magnesium, Sodium, Potassium, Iron, Manganese, Copper, Zinc, Sulfur, Phosphorus and Boron	PECUSA-009
Elemental Analysis (LECO)	Foliage	Total Nitrogen	PECUSA-034
Continuous Flow Analysis (CFA) by UV/Vis Spectrophotometry	Water, Soil Solution	Chlorides, Ammonium, Alkalinity, Total Oxidated Nitrogen	PEUSA-336
Analysis by Automatic Titrator (Potentiometric, Conductometric, Volumetric)	Soil Solution, Water, Foliage	pH, Electroconductivity	PECUSA-001, PECUSA-002
Pesticide Residue Analysis by GC-MS/MS & LC- MS/MS	Fruits, Vegetables, Herbs & Leaves, Nuts, Cereals & Their Flours, Dried Fruit, Oils/fatty Matrices, Wine, Tobacco, Foods	Listed in IT-134 GC-MS/MS and IT-136 LC-MS/MS	PE-674



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Histamine by LC-MS/MS	Fish and Shellfish	Histamine	PEUSA-516
Determination of Total Elements in Foods by Spectroscopy ICP-MS	Food Meat Fish and Seafood, Fruits, Vegetables and Fruits Juice, Milk and Lactic Derivatives, Cereals and their Flours, Legumes	Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Tin, Zinc	PE-2118
Determination of Total Elements in Water by Spectroscopy ICP-MS	Water	Aluminum, Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Selenium, Sodium, Strontium, Titanium, Vanadium, Zinc	PE-2173
Determination of Filth in Foods	Tomato Products	Filth	AOAC 955.46
Glyphosate by LC- MS/MS	Foods	Glyphosate	PE-681
Glyphosate by LC- MS/MS	Water	Glyphosate	PE-679
Acrylamide by LC-MS/MS	Foods	Acrylamide	PE-684
Patulin by LC-MS/MS	Fruits, Vegetables	Patulin	PE-531
Mycotoxins by LC-MS/MS	Foods	Aflatoxins (B1, B2, G1, G2), Ochratoxin A	PCUSA-226
Nitrofurans by LC-MS/MS	Fish, Shrimp	AHD, SEM, AOZ, AMOZ, Chloramphenicol	TI-1126
Nicotine by GC-MS/MS	Fruits, Vegetables	Nicotine	TI-1118
Potency in Hemp by LC- MS/MS	Hemp	Δ 9 THC, Δ 9 THCA-A, CBD, CBD-A, CBG, CBN, CBC	PE-532