



INTERNATIONAL
ACCREDITATION
SERVICE®

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 the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*, and has been accredited, commencing April 19, 2016, and expiring April 18, 2018, for the test methods listed in the approved scope of accreditation.

(See laboratory's scope of accreditation for fields of testing and accredited test methods.)

This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation.

See <http://iasonline.org/More/search.html> for current accreditation information, or contact IAS at 562-364-8201.



C.P. Ramani, P.E., C.B.O
President



SCOPE OF ACCREDITATION

IAS Accreditation Number:	TL-509
Accredited Entity:	AGQ USA
Address:	2451 Eastman Ave. Ste. 1, Oxnard CA 93030
Contact Name:	Jesse Lamas Calvillo, Laboratory Director Genny Moo, Quality Assurance Officer
Telephone:	+1 (805) 981-2972
Effective Date of Scope of Accreditation:	July 12, 2016
Accreditation Standard	ISO/IEC 17025:2005

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Metals by ICP-OES (Elemental Analysis)	Foliage, Fertilizer	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
Heavy Metals by ICP- OES (Elemental Analysis)	Foods and Animal Feed	Arsenic, Cadmium, Chromium, Nickel, Lead, Copper, Manganese, Mercury, Iron and Zinc	PEUSA-2043
Elemental Analysis (LECO)	Foliage, Organic Fertilizer	Total Nitrogen	PECUSA-034
Elemental Analysis (LECO)	Soil	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 and Alkalinity	PECUSA-001, PECUSA-002 and PECUSA-011
Analysis by Automatic Titrator (Potentiometric, Conductometric, Volumetric)	Soil	Oxidizable Organic Matter pH, Electroconductivity Active Limestone	PECUSA-013, PECUSA-001, PECUSA-002, PECUSA-014
Analysis by Granulometry	Soil	Texture	PECUSA-018
Pesticide Residue Analysis by GC- MS/MS	Fruits, Vegetables, Nuts, Cereal & Dried Fruit Oils/Fatty Matrices Wine	Listed in PEUSA-614, Annex 8, and Annex 9	PEUSA-614



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Pesticide Residue Analysis by LC-MS/MS	Fruits, Vegetables, nuts, Cereal & Dried Fruit Oils/Fatty Matrices Wine	Listed in PEUSA-618, Annex 8, Annex 9	PEUSA-618
Pesticide Residue Analysis by GC-MS/MS & LC-MS/MS	Fruits, Vegetables, herbs & leaves, nuts, Cereal & Dried Fruit Oils/Fatty Matrices Wine, tobacco	Listed in PE-674, Annex 3 – GC-MS/MS and Annex 4 – LC-MS/MS	PE-674
Pesticide Residue Analysis by GC-MS/MS	Foods and Animal Feed	Aldrin, Benalaxyl, Chlordane-cis, Chlordane-trans, Cypermethrin, 4,4'-DDD, 4,4'-DDE, 2,4'- DDT, 4,4'- DDT, Deltamethrin, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Ethion, Fenamiphos, HCB, HCH-a, HCH-b, HCH-d, Heptachlor, Heptachlor epoxide A, Heptachlor epoxide B, Lindane, Mirex, Oxyfluorfen, Simazine; Trifluralin, Vinclozolin	PCUSA-225
UV/Vis Spectrophotometry	Fruits, Vegetables	Dithiocarbamates (as CS ₂)	PECUSA-032
Antibiotic by LC-MS/MS	Foods and Animal Feed	Abamectin, Oxolinic Acid, Ciprofloxacin, Cloramfenicol, Diflubenzuron, Emamectin Benzoate, Enrofloxacin, Erythromycin, Spiramycin, Florfenicol, Flumequine, Ivermectin, Sarafloxacin, Trimethoprim	PCUSA-305
Nitrofurans by LC-MS/MS	Foods and Animal Feed	AHD, AMOZ, AOZ, SEM	PCUSA-319
Penicillin/Tetracyclins by LC-MS/MS	Foods and Animal Feed	Amoxicillin, Chlortetracycline, Oxytetracycline, Tetracycline, Penicillin G	PCUSA-323
Colorants by LC-MS/MS	Foods and Animal Feed	Crystal Violet, Leuco-Crystal Violeta, Malachite Green, Leuco-Malachite Green, Brilliant Green	PCUSA-266
PCB by GC-MS/MS	Foods and Animal Feed	PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180	PCUSA-225
Histamine by LC-MS/MS	Fish and Shellfish	Histamine	PEUSA-516