



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **AGQ LABS & TECH MEXICO S.A. DE C.V.**

AVENIDA DEL CARMEN NO. 230, NO. INT. 1, COL. TOLUQUILLA  
SAN PEDRO TLAQUEPAQUE, JALISCO, C.P. 45610, MEXICO

### **Testing Laboratory TL-667**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories* as well as the *US FDA Laboratory Accreditation for Analyses of Foods (LAAF) Program* requirements 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 4, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

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## AGQ LABS & TECH MEXICO S.A. DE C.V.

[www.agqlabs.mx](http://www.agqlabs.mx)

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*Accredited to ISO/IEC 17025:2017*

*Effective Date March 4, 2025*

### FDA LAAF

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Food Chemistry – Organics	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices	Pesticide residue GC-MS/MS Parameters:  Acetochlor Aciclonifen Acrinathrin Alachlor Aldrin (ver Dieldrin) Ametryn Anthraquinone Atrazine Atrazine desethyl Beflubutamid Benalaxyl Benfluralin Bifenazate Bifenox Bifenthrin Biphenyl Bitertanol_Group Peaks Bromocyclen (SQ) Bromophos ethyl Bromophos Methyl Bromopropylate Captan Carbophenothion Chinomethionat Chlordane, Cis- Chlordane, Trans- Chlorfenapyr Chlorfenson Chlorfenvinphos_Group Peaks Chlormephos Chlorobenzilate+Chloropropylate	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Chlorothalonil Chlorotoluron Chlorpropham Chlorpyrifos Ethyl Chlorpyrifos Methyl Chlorthal Dimethyl Chlorthion Chlozolate Cinidon Ethyl Cyfluthrin_Group Peaks Cyhalothrin Lambda Cypermethrin_Group Peaks Cyproconazole_Group Peaks Cyprodinil DDD-o,p' DDD-p,p'+DDT-o,p'_Group Peaks DDE-o,p' DDE-p,p' DDT-p,p' DEET (Diethyl-m-toluamide, N,N-) Deltamethrin Diazinon Dichlobenil Dichlofenthion Diclobutrazol Dicloran Dicrotophos Dieldrin (ver Aldrin) Difenoconazole Diflufenican Dimefox Dimoxystrobin Diniconazole Dinobuton Diphenylamine Disulfoton Disulfoton sulfone Disulfoton Sulfoxide Ditalimfos Endosulfan Sulfate Endosulfan-Alpha Endosulfan-Beta Endrin EPN EPTC	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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Food Chemistry – Organics (cont'd.)	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Ethalfuralin Ethion Ethofumesate Ethofumesate-2-keto Ethoprophos Etridiazole Etrimfos Fenarimol Fenazaquin Fenchlorphos Fenchlorphos Oxon Fenitrothion Fenpropathrin Fenson Fenthion Fenthion oxon Fenvalerate+Esfenvalerate_Group Peaks Flucythrinate_Group Peaks Fluensulfone Flumetralin Fluopicolide Fluopyram Flurtamone Fluvalinate-Tau Folpet Fonofos Furalaxyl HCH-alpha HCH-beta HCH-delta HCH-Epsilon Heptachlor Heptachlor epoxide A (trans) Heptenophos Hexachlorobenzene Hexachlorobutadiene Hexaconazole Hydroxyquinoleine, 8- Iodofenphos Iprobenfos Iprodione Iprovalicarb_Group Peaks Isazofos Isofenphos Isofenphos Methyl Isoprothiolane Kresoxim Methyl	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Lindane (HCH-gamma) Malaoxon (Malathion deg) Malathion (ver Malaoxon) Mefenpyr Diethyl Mepronil Metalaxyl Methacrifos Methidathion Methoxychlor Mevinphos Mirex Molinate Myclobutanil Naled (SQ) Napropamide Nitalin Nitrofen Nitrothal Isopropyl Nuarimol Ofurace Oxadixyl Oxyfluorfen Paraoxon Ethyl Paraoxon Methyl Parathion Ethyl Parathion Methyl Penconazole Pendimethalin Pentachloroaniline Pentachloroanisole Pentachlorobenzene Pentachlorobenzonitrile Pentachlorophenol Permethrin_Group Peaks Phenthoate Phenylphenol-ortho Phorate Phosalone Phthalimide (Folpet deg) Pirimiphos Ethyl Pirimiphos Methyl Procymidone Profenofos Profluralin Prometryn Propachlor Propazine Propetamphos Propyzamide	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Prothiofos Pyrazophos Pyridaben Pyridaphenthion Pyrifenox_Group Peaks Pyrimethanil Pyriproxyfen Quinalphos Quintozene (ver Resmethrin Silthiofam Simazine Tebuconazole Tebufenpyrad Tecnazene Tefluthrin Terbacil Terbutylazine Terbutylazine Desethyl Terbutryn Tetrachlorvinphos Tetraconazole Tetradifon Tetrahydrophthalimide (THPI) (Captan deg Tetramethrin_Group Peaks Tetrasul Thiometon Tolclofos Methyl Transfluthrin Triadimefon Triadimenol_Group Peaks Tri-Allate Triamiphos Trichloroanisole-2,4,6 Trichlorophenol-2,4,6 Trifluralin Uniconazole (SQ) Vinclozolin Pesticide residue LC-MS/MS Parameters: 2,4-D Acephate Acetamiprid Acibenzolar-S-Methyl Afidopyrofen Aldicarb	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Aldicarb Sulfone Ametoctradin Aminocarb Amidosulfuron Atrazine-Desisopropyl Azaconazole_2 peaks Azadirachtin Azamethiphos Azimsulfuron Azinphos Ethyl Azinphos Methyl Azoxystrobin BAC nC-08 BAC nC-10 BAC nC-18 Bencilaminopurine Benomyl-Carbendazim Bentazone Methyl Benthiovalicarb Isopropyl Bixafen Boscalid Bromacil Bromoxynil Bromuconazole Buprofezin Butocarboxim sulfoxide Butoxycarboxim Butralin Buturon Cadusafos Carbaryl Carbofuran (SQ) Carbofuran, 3-Hydroxy-(SQ) Carboxin Carfentrazone Ethyl Chlorbromuron Chlorfluazuron Chloroxuron Chlorsulfuron Chorrantraniliprole Clethodim Sulfoxide Clofentezine Clomazone Cloransulam Methyl Clothianidin Coumaphos Crimidine Cyanazine	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Cyantranilprole Cyazofamide Cycloate Cyflufenamide Cyflumetofen DDAC nC-08 DDAC nC-14 Demeton-S Demeton-S-Methyl Demeton-S-Methyl Sulfone Demeton-S-Methyl-Sulfoxide (Oxydemeton M) Demeton-S-Sulfoxide Desmedipham Desmetryn Dialifos Dichlofluanid Dichlorvos Diflubenzuron Dimefuron Dimethachlor Dimethenamid-P Dimethoate Dimethomorph Dinotefuran Diuron DMST (Tolyfluanid deg) Dodine Edifenphos Emamectin Benzoate Epoxiconazole Ethaboxam Ethiofencarb Ethiofencarb sulfone Ethiofencarb Sulfoxide Etoxazole Famoxadone Fenamidone Fenamiphos Sulfone Fenamiphos Sulfoxide Fenbuconazole Fenbutatin oxide Fenhexamid Fenoxycarb Fenoxaprop-P-ethyl Fenciclonil Fenpropidin Fenpyroximate Fensulfothion	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Fensulfothion oxon Fensulfothion oxon sulfone Fensulfothion sulfone Fenthion oxon Sulfone Fenthion oxon Sulfoxide Fenthion Sulfoxide Fenuron Fipronil Fipronil Sulfide Fipronil Sulfone Flamprop Flazasulfuron Flonicamid (ver TFNA, TFNG) Florasulam Fluazifop Methyl Fluazinam Flubendiamide Fludioxinil Flufenoxuron Flurochloridone Fluoxastrobin Flupyradifurone Flusilazole Flutriafol Fluxapyroxad Forchlorfenuron Formetanate Fosthiazate Fuberidazole Haloxyfop methyl Haloxyfop-2-Ethoxyethyl Haloxifop (Suma) Hexaflumuron Hexazinone Hexythiazox Imazalil Imazamox Imazapic Imazapyr Imazosulfuron Imidacloprid loxynil Isoprocarb Isoxaflutole Isoxathion Ivermectin Lactofen Linuron	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrice (cont'd.)	Lufenuron Mandipropamid MCPA Mecarbam Mepanipyrim Meptyl-Dinocap Mesosulfuron Methyl Metaflumizone Metazachlor Metconazole Methabenzthiazuron Methamidophos Methiocarb Methiocarb Sulfone Methiocarb Sulfoxide Methomyl Methoprotryne Methoxyfenozide Metobromuron Metolachlor Metolcarb Metoxuron Metrafenone Metsulfuron Methyl Monocrotophos Monolinuron Monuron Neburon Nicosulfuron Norflurazon Novaluron Omethoate Oxadiargyl Oxamyl Oxasulfuron Oxathiapiprolin Oxycarboxin Paclobutrazol Pencycuron Penthiopyrad Phorate Oxon Phorate Oxon Sulfone Phorate Oxon Sulfoxide Phorate Sulfone Phorate Sulfoxide Phosmet Phosmet Oxon Phosphamidon_2 peaks Phoxim	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Picolinafen Picoxystrobin Pinoxaden Pirimicarb Pirimicarb Desmethyl Pirimicarb Desmethyl Formamido Prochloraz (ver Propamocarb Propargite Propham Propiconazole_2 peaks Prosulfocarb Prosulfuron Pyraclostrobin Pyridalyl Pyridate Quinclorac Rimsulfuron Rotenone Sebuthylazine Sethoxydim (ver Clethodim) Spinetoram Spinosad Spinosad A Spinosad D Spirodiclofen Spiromesifen Spirotetramat Spirotetramat-cis-enol Spirotetramat-Cis-keto-OH Spirotetramat-Enol-Glucoside Spirotetramat-Mono-OH Sulcotrione Sulfentrazone Sulfosulfuron Sulfoxaflor_2 peaks Tebufenozide Teflubenzuron Tepraloxydim Thiabendazole Thiacloprid Thiamethoxam Thiencarbazone methyl Thifensulfuron Methyl Thiobencarb Thiocyclam	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	Thiofanox sulfone Thiophanate Methyl Tolfenpyrad Tolyfluanid (ver DMST) Triasulfuron Triazophos Triazoxide Trichlorfon Tricresyl Phosphate Tricyclazole Tridemorph Trifloxystrobin Triflumizole Triflumizole FM-6-1 Triflumuron Triforine_2 peaks (SQ) Triticonazole Vamidothion Zoxamide	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)
<b>Food Chemistry – Organics (cont'd.)</b>	Water, food, Soil.	Aminomethylphosphonic acid (AMPA). Glyphosate Glufosinate	PE-681- Glyphosate, Glufosinate and AMPA in fruits and vegetables by LC/MS-MS chromatography.  PE-6025- Glyphosate, Glufosinate and AMPA in soils by LC/MS-MS chromatography.

## Regular

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
<b>Food Chemistry – Organics</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices	Dithiocarbamates: Expressed as CS2  Mancozeb, maneb, zineb, ferbam, ziram, tiram, EBDC (etilen-bisditiocarbamatos)	PE-641 Determination of Dithiocarbamates by Chromatography – GC-MS/MS
		Polar Pesticide residue  Chlorate, Ethephon, Fosetyl, Perchlorate, Phosphonic Acid	PE-690 Determination of Polar Pesticides in Food by Chromatography - LC-MS /MS

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<b>Agriculture Chemistry – Inorganics</b>	Water, Fruits, Vegetables, Plant material	Trace elements: Ca, Mg, Na, K, Fe, Mn, Cu, Zn, Mo, S, P and B	PEC-009 Determination of metals in Water, plant material and fruits by ICP-OES
	Vegetables, Plant material	Starch	PE-372 Determination of starch in vegetables by UV-Vis spectrophotometry
	Plant material	Determination of calcium fractions in plant material	PE-2079 Determination of calcium fractions in plant material
<b>Chemistry - Inorganics</b>	Water and soils	pH	PEC-001 Determination of pH
		Electrical Conductivity	PEC-002 Determination of Electrical Conductivity

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