



INTERNATIONAL  
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# 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*, 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 June 6, 2024



*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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**Contact Phone** +52 3321845341

*Accredited to ISO/IEC 17025:2017*

*Effective Date June 6, 2024*

<b>FIELDS OF TESTING</b>	<b>MATERIAL/ MATRIX</b>	<b>DETERMINANT(S)/ ANALYTE(S)</b>	<b>METHOD REFERENCE</b>
<b>Food Chemistry – Organics</b>	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 Chlorothalonil Chlorotoluron	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.)	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 Ethalfuralin Ethion	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.)	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 Lindane (HCH-gamma) Malaoxon (Malathion deg)	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.)	Malathion (ver Malaoxon) Mefenpyr Diethyl Mepronil Metalaxyl Methacrifos Methidathion Methoxychlor Mevinphos Mirex Molinate Myclobutanil Naled (SQ) Napropamide Nitralin Nitrofen Nitrothal Isopropyl Nuairimol 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 Prothiofos Pyrazophos	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.)	Pyridaben	PE-674 Determination of pesticide residue by Chromatography - GC-MS/MS and LC (cont'd.)
		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	
		Aldicarb Sulfone	
		Ametoctradin	

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<b>Food Chemistry – Organics (cont'd.)</b>	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/ Fatty Matrices (cont'd.)	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 Choranthraniliprole Clethodim Sulfoxide Clofentezine Clomazone Cloransulam Methyl Clothianidin Coumaphos Crimidine Cyanazine Cyantraniliprole Cyazofamide	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.)	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 Fenpiclonil Fenpropidin Fenpyroximate Fensulfothion Fensulfothion oxon Fensulfothion oxon sulfone	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 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 Fluorochloridone 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 Ioxynil Isoprocarb Isoxaflutole Isoxathion Ivermectin Lactofen Linuron Lufenuron Mandipropamid	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 Matrice (cont'd.)	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 Picolinafen Picoxystrobin	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.)	Pinoxaden Pirimicarb Pirimicarb Desmethyl Pirimicarb Desmethyl For- mamido 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-Gluco- side Spirotetramat-Mono-OH Sulcotrione Sulfentrazone Sulfosulfuron Sulfoxaflor_2 peaks Tebufenozide Teflubenzuron Tepaloxym Thiabendazole Thiacloprid Thiamethoxam Thiencarbazone methyl Thifensulfuron Methyl Thiobencarb Thiocyclam Thiofanox sulfone Thiophanate 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.)	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.)
		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
<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.
<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

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<b>Agriculture Chemistry – Inorganics (cont'd.)</b>	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

