



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CERTIFIED LABORATORIES  
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CHEMICAL

Valid To: December 31, 2025

Certificate Number: 1698.29

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory’s compliance with the A2LA Food Testing Program Requirements, containing the 2018 “*AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Foods, Dietary Supplements, and Pharmaceuticals*”), accreditation is granted to this laboratory to perform the following tests on food and food-related products:

Test / Technology(ies)	Method SOP(s)	Reference Method(s)
Aflatoxin - Fluorometric	11965	Vicam Aflatest Manual
Allergens - ELISA	31264, 31265, 31266	AOAC 2012.01, AOAC-RI 101501, 112102 RIDASCREEN R6402
Artificial Colors - TLC	11957	AOAC 988.13 (Young), JAOAC 46(6) 1963 (Graichen)
Calories - Calculation	11975	21 CFR 101.9 (c)(1)(i)(B)
Carbohydrates - Calculation	11975	21 CFR 101.9 (c)(6)
Chloramphenicol - Immunoassay	11949	RIDASCREEN R1511
Cholesterol - GC	12255	AOAC 976.26
Curcumin Content of Turmeric Spice and Oleoresins - Spectrophotometric	ASTA 18.0	ASTA 18.0
Decomposition of Frozen Seafood - Organoleptic	SOP-Z100-100, SOP-Z100-200	FDA Food Compliance Program Guidance Manual 7303.844
Dietary Fiber (Total, Insoluble, and Soluble) - Gravimetric	11947	AOAC 991.43
Ethylene Chlorohydrin (ECH) - GC	12261	ASTA 23.3
Ethylene Oxide (ETO) - GC	12262	ASTA 23.2
Extractable Color in Capsicums and their Oleoresins - Spectrophotometric	11922	ASTA 20.1
Fat by Automated Ether Extraction - Gravimetric	11927	AOAC 960.39, 991.36
Fat by Mojonnier Acid and Alkaline Hydrolysis - Gravimetric	11938	AOAC 922.06, 933.05, 935.39, 950.54

Test / Technology(ies)	Method SOP(s)	Reference Method(s)
Fatty Acid Profile, including Trans-fat - GC	12254	AOAC 963.22, AOCS Ce 1J-07
Filth (Light) - Microscopy	12041, 12042, 12043, 12044, 12045, 12046, 12047, 12048, 12049, 12050, 12051, 12052, 12053, 12054, 12055, 12056, 12057, 12058, 12059, 12060, 12061, 12062, 12063, 12064, 12065, 12066, 12067, 12068, 12069, 12071, 12072, 12074, 12075, 12076, 12077, 12078, 12079, 12080, 12081, 12085, 12086	AOAC Chapter 16, Subchapters 4, 5, 8, 9, 10, 11, 12, 14, 15, FDA LIB 2957, 9156, 3172
Filth (Macroanalytical) - Macroscopy	SOP-E200, 12074, 12075, 12076, 12077, 12078, 12079, 12080, 12081, 12082, 12083, 12085, 12086	FDA MPM Chapter 5, Subchapters 3, 8, 9, 10, 11, ASTA 14.0, 14.1, 22.1, 26.0
Fluoroquinolones - HPLC, LC/MS/MS	12276, 12277	FDA LIB 4562
Foreign Matter Identification - Microscopy, FTIR	12244	AOAC 945.75, 960.51, ASTA 14.0, 14.1
Histamine - Fluorometric	11960	AOAC 977.13
Malachite Green, Gentian (Crystal) Violet, Leucomalachite Green, Leucogentian (Crystal) Violet - LC/MS/MS	12275	AOAC 2012.25
Mebendazole in Eel - LC/MS/MS	32998, 37344	FDA LIB 4562
Melamine, Cyanuric Acid - LC/MS/MS	12280	FDA LIB 4422
Metals - ICP-MS (Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Mn, Mo, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn)	12287	FDA EAM Section 4.7
Metals - ICP-OES (Al, Ca, Cu, Fe, K, Mg, Mn, Na, Ti, V, Zn)	12287	FDA EAM Section 4.4
Moisture - Distillation	11921	ASTA 2.0
Moisture Convection Drying Oven - Gravimetric	11923	AOAC 950.46
Moisture Vacuum Drying Oven - Gravimetric	11924	AOAC 926.08
Nitrite - Colorimetric	11959	AOAC 973.31
Nitrofurans - LC-MS/MS	12278	FDA LIB 4482
Oil Soluble Dyes in Capsicum and Turmeric Samples and Products - HPLC, LC/MS/MS	12270, 12281	ASTA 28.0, 29.0
Patulin in Apple Juice - UPLC	37347, 37348, 37349	AOAC 995.10
<sup>1</sup> Pesticides - GC-FPD, LC/MS/MS, GC/MS/MS	12265, 12266, 12263, 12252	AOAC 2007.01
pH - Potentiometric	C01.1	AOAC 981.12
Piperine Content of Black and White Pepper, their Oleoresins, and Soluble Pepper Seasoning - Spectrophotometric	11963	ASTA 12.1
Protein - Kjeldahl	11942	AOAC 981.10, 991.20
Pungency of Capsicum and their Oleoresins - UPLC	12279	ASTA 21.3
Salt - Titration	11944	AOAC 935.43, 935.47

Test / Technology(ies)	Method SOP(s)	Reference Method(s)
Steam Volatile Oil in Cassia and other Spices - Distillation	ASTA 5.2, 16.0	ASTA 5.2, 16.0
Sugars - IC	12267	AOAC 996.04
Sulfites - Distillation / Titration	11943	AOAC 990.28, ASTA 30.0
Sulfonamides in Eel, Shrimp, and Tilapia – LC/MS/MS	37345, 37350	FDA LIB 4508
Titrateable Acidity - Titration	11945	AOAC 930.35, 935.57, 942.15
Total Ash and Acid Insoluble Ash - Gravimetric	11939	AOAC 920.153, 935.42, ASTA 3.0, 4.0
Total Hexane Content - GC	12258	ASTA 27.0 (Modified)
Vanillin - Spectrophotometric	11962	AOAC 966.12
Vitamin A - HPLC	12272, 12273	AOAC 938.04 (Modified)
Vitamin C - UPLC	12274	AOAC 2012.22
Vitamin D - LC/MS/MS	12282	AOAC 2011.11
Water Activity - Hygrometric	11955	AOAC 978.18

<sup>1</sup>List of Pesticides

2,3,5,6-Tetrachloroaniline	3,4 dichloroaniline	3-Hydroxycarbofuran
Abamectin	Acephate	Acetamiprid
Acibenzolar S Methyl	Acrinathrin	Alanycarb
Aldecarb Sulfoxide	Aldrin	Allethrin
Ametoctradin	Ametryn	Aminocarb
Amitraz	Atrazine	Azadirachtin
Azoxystrobin	BAM (2,6 dichlorobenzamide)	Benalaxyl
Bendiocarb	Benfluralin	Bentazon
BHC-alpha	BHC-beta	BHC-delta
BHC-gamma (Lindane)	Bifenazate	Bifenthrin
Bitertanol	Boscalid	Bromopropylate
Bromuconazole I	Bromuconazole II	Bupirimate
Buprofezin	Butaoxycarboxim	Butocarboxim
Butralin	Butylate (Sutan)	Cadusafos
Captan	Carbaryl	Carbendazim
Carbetamide	Carbofuran	Carbosulfan
Chlorantraniliprole	Chlordane-cis	Chlordane-trans (g)
Chlordene	Chlordimeform	Chlorfenapyr
Chlorfenvinphos	Chlorobenzilate	Chloroneb
Chlorothalonil	Chlorpropham	Chlorpyrifos (Dursban)
Chlorpyrifos-methyl	Chlorthal (Dacthal, DCPA)	Chlorthiophos
Clethodim	Clofentazine	Clothianidin
Coumaphos	Cyanazine	Cyanofenphos
Cyantraniliprole	Cyazofamid	Cycloxydim
Cyflufenamide	Cyflumetofen	Cyfluthrin
Cyhalothrin-Lambda	Cymiazole	Cymoxanil
Cypermethrin	Cyproconazole	Cyprodinil
Cyromazine	Dazomet	DDE-p,p'
DDT-o,p'	DDT-p,p'	Deltamethrin
Desmedipham	Diallate	Diazinon

Dichlobenil (2,6 Dichlorobenzonitrile)	Dichlorvos	Dicloran (Botran)
Dicofol	Dicrotophos	Dieldrin
Diethofencarb	Difenoconazole	Dimethachlor
Dimethoate	Dimethomorph I and II	Dimoxystrobin
Diniconazole	Dinitramine	Dinocap
Dinotefuran	Dioxacarb	Diphenamid
Diphenylamine	Disulfoton	Diuron
Edifenphos	Endosulfan I	Endosulfan II
Endosulfan Sulfate	Endrin I-IV	EPN
Epoxiconazole	EPTC (a thiocarbamate)	Esfenvalerate
Etaconazol 1 and 2	Ethaboxam	Ethafluralin
Ethephon	Ethiofencarb	Ethion
Ethiprole	Ethirimol	Ethoprophos (Ethoprop)
Ethoxyquin	Etofenprox	Etoazole
Etridiazole	Famoxadone	Fenamidone
Fenamiphos	Fenarimol	Fenazaquin
Fenbuconazole	Fenbutanin oxide	Fenhexamide
Fenitrothion	Fenobucarb	Fenoxycarb
Fenpropathrin	Fenpropimorph	Fenpyroximate
Fenthion	Fenuron	Fenvalerate-a and b
Fipronil	Flonicamid	Fluazifop butyl
Flubendiamide	Fluchloralin	Flucythrinate a and b
Fludioxonil	Flufenoxuron	Fluometuron
Fluopicolide	Fluopyram	Fluoxastrobin
Fluquinconazole	Flusilazole	Flutolanil
Flutriafol	Fluvalinate a and b	Fluxapyroxad
Flypyradifurone	Folpet	Fonofos (Dyfonate)
Forchlorfenuron	Formetanate	Fosetyl Al
Fuberidazole	Furathiocarb	Halofenozide
Halosulfuron-methyl	HCB (hexachlorobenzene)	Heptachlor
Heptachlor Epoxide	Heptenophos	Hexaconazole
Hexazinone	Hexithiazox	Imazalil
Imidacloprid	Indoxacarb	Iprodione
Iprovalicarb	Isocarbamid	Isocarbophos
Isafenphos	Isoprocarb	Isoprothiolane
Isoproturon	Isopyrazam	Kresoxim-methyl
Lactofen	Lenacil	Linuron
Lufenuron a and b	Malaoxon	Malathion
Manidipropamid	Mepanipyrim	Mepronil
Metaconazole	Metalaxyl	Metalumizone
Methamidophos	Methidathion	Methiocarb
Methomyl	Methoxychlor	Methoxychlor-p,p
Methoxyfenozide	Metobromunon	Metolachlor
Metrafenone	Metribuzin	Meviphos
MGK-264	Mirex	Molinate
Monocrotophos	Monolinuron	Moxidectin
Myclobutanil	Nicotine	Nitrothal-isopropyl
Nonachlor-cis	Nonachlor-trans	Novaluron
Nuarimol (trimidal)	Omethoate	Oxadiazon
Oxadixyl	Oxamyl	Oxyfluorfen
Paclobutrazole	Paraoxon	Paraoxon Methyl
Parathion	Parathion Methyl	PCNB (Pentachlornitrobenzene)

Penconazole	Pencycaron	Pendimethalin
Pentachloaniline (PCA)	Pentachlorobenzene (PCB)	Penthiopyrad
Pentochlorobenzonitrile	Permethrin-cis and trans	Phenmedipham
Phenothrin	Phorate	Phorate Sulfone
Phosmet	Picoxystrobin	Piperonylbutoxide
Pirimicarb	Pirimiphos-methyl	Prochloraz
Procymidone	Profenofos	Profluralin
Prometon	Prometryne	Propachlor
Propamocarb	Propanil	Propargite-a and b
Propham	Propiconazole (Tilt)	Propoxur
Propyzamide (Pronamide)	Prothiofos (Tokuthion)	Pymetrozine
Pyracarbolid	Pyraclostrobin	Pyraflufen-ethyl
Pyrazophos	Pyrethrins	Pyridaben
Pyridaphenthion	Pyrimethanil	Pyriproxifen
Quinalphos	Quinoxyfen	Rotenone
Siduron A	Siduron B	Simazine
Simetryn	Spinetoram	Spinosyn A
Spinosyn D	Spirodiclofen	Spiromesifen
Spirotetramate	Spiroxamine	Sulfotep
Sulfoxaflor	Sulprofos (Bolstar)	Tebuconazole
Tebufenozide	Tebufenpyrad	Tebuthiuron
Tecnazene (2,3,5,6-Tetrachloronitrobenzene)	Teflubenzuron	Tefluthrin
Temephos (Abate)	Terbufos	Terbutylazine
Tetrachlorvinphos	Tetraconazole	Tetradifon
Tetramethrin	Thiabendazole	Thiacloprid
Thiamethoxam	Thidiazuron	Thiophanate methyl
Tolclofos-methyl	Triadimefon	Triadimenol
Triallate	Triazophos	Tribufos (DEF 6)
Trichlorfon	Tricyclazole	Trifloxystrobin
Triflumizole	Triflumuron	Trifluralin
Triforine	Vinclozolin	Zoxamide

In recognition of the successful completion of the A2LA evaluation, (including an assessment of the laboratory's compliance with the FDA Laboratory Accreditation for Analyses of Foods, contained in the FDA Document Number 2021-25716) accreditation is granted to this laboratory to perform the following tests on Apple Juice:

Test / Technology(ies)	Method SOP(s)	Reference Method(s)
Patulin in Apple Juice - UPLC	37347, 37348, 37349	AOAC 995.10



# Accredited Laboratory

A2LA has accredited

## CERTIFIED LABORATORIES

Melville, NY

for technical competence in the field of

### Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA R204 – *Specific Requirements – Food and Pharmaceutical Testing Laboratory Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 24<sup>th</sup> day of January 2024.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1698.29  
Valid to December 31, 2025

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*