SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CERTIFIED LABORATORIES
65 Marcus Drive,
Melville, NY 11747
Mary Lee Phone: 516-576-1400
mlee@certified-laboratories.com

BIOLOGICAL

Valid to: December 31, 2021 Certificate Number: 1698.28

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*"[2]), accreditation is granted to this laboratory to perform the following tests on food, food products, dietary supplements, water, and environmental samples:

Quantitative Test Method	Method SOP(s)	Reference Method(s)
Aerobic Plate Count	SOP-M600-100 SOP-M600-300	CMMEF Ch. 8, FDA BAM Ch. 3, SMEDP Ch. 6, SMEWW 9215
	SOP-M600-200	AOAC 986.33, 989.10, 990.12
	SOP-U400-100 SOP-U400-200	USP <61>, <2021>
Bacillus cereus	SOP-M400-100	AOAC 980.31, CMMEF Ch. 31, FDA BAM Chapter 14, USDA MLG Ch. 12
Clostridium perfringens	SOP-M660-100	AOAC 976.30, CMMEF Ch. 33, FDA BAM Ch. 16
Enterobacteriaceae	SOP-M540-100	CMMEF Ch. 9
	SOP-M540-200	AOAC 2003.01
Enterobacterial Count (Bile-Tolerant Gram- Negative Bacteria)	SOP-U200-100	USP <62>
	SOP-U400-200	USP <2021>
Escherichia coli and Coliforms	SOP-M500-300 SOP-M500-310	AOAC 966.23, 966.24, CMMEF Ch. 9, FDA BAM Ch. 4, SMEDP Ch. 7, SMEWW 9221
	SOP-M500-500	AOAC 991.15, SMEWW 9223
	SOP-M500-100	CMMEF Ch. 9, FDA BAM Ch. 4
	SOP-M500-200	AOAC 991.14, 996.02, 998.08, SMEDP Ch. 7
Lactic Acid Bacteria	SOP-M650-100	CMMEF Ch. 19

Quantitative Test Method	Method SOP(s)	Reference Method(s)
Staphylococcus aureus	SOP-M420-100	AOAC 966.23, 975.55, CMMEF Ch. 9, FDA BAM Ch. 12
	SOP-M420-200	AOAC 2003.07, 2003.08, 2003.11
Yeast and Mold	SOP-M640-400	FDA BAM Chapter 18
	SOP-M640-200 SOP-M640-210	AOAC 997.02, 2014.05
	SOP-M640-400	CMMEF Ch. 21
	SOP-U400-100 SOP-U400-200	USP <61>, <2021>

Qualitative Platform	Method SOP(s)	Reference Method(s)
Cultural Confirmation	SOP-M200-400 SOP-M200-500	AOAC 993.12, FDA BAM Ch. 10, USDA MLG Ch. 8 (*Listeria* spp.)
	SOP-M100-500 SOP-M100-900 SOP-U200-100 SOP-U200-200	AOAC 995.20, FDA BAM Ch. 4, USDA MLG Ch. 4, USP <62>, <2022> (*Candida albicans, Clostridium* spp., *E. coli, Pseudomonas aeruginosa, S. aureus, Salmonella* spp.)
ELFA (VIDAS) Analysis	SOP-M300-100	AOAC-RI 060903 (*E. coli* O157:H7)
	SOP-M200-100 SOP-M200-110	AOAC 2004.02, 2013.11 (*Listeria monocytogenes*)
	SOP-M200-100 SOP-M200-110	AOAC 999.06, 2004.06, 2013.10, AOAC-RI 981202 (*Listeria* spp.)
	SOP-M100-100 SOP-M100-150	AOAC 996.08, 2004.03, 2011.03, 2013.01, AOAC-RI 020901, 071101 (*Salmonella* spp.)
PCR Analysis	SOP-M300-200	AOAC-RI 031002, 050501 (*E. coli* O157:H7)
	SOP-M200-200	AOAC-RI 080901, 121402 (*L. monocytogenes*)
	SOP-M200-200	AOAC-RI 050903, 081401 (*Listeria* spp.)
	SOP-M100-200	AOAC 2013.02, AOAC-RI 081201 (*Salmonella* spp.)
VITEK 2	SOP-M800-540	AOAC 2011.17, 2012.02, AOAC-RI 080801 (Yeast, Gram Positive and Gram Negative Bacteria Identification)

Sampling Technique	Sampling Method	Matrix(ces)
Sampling	SOP-G000-300	Environmental
	WI-G500-100	Potable Water Collection
	SOP-G100-100 SOP-G100-200	Food and Food-Related Products

Accredited Laboratory

A2LA has accredited

CERTIFIED LABORATORIES

Melville, NY

for technical competence in the field of

Biological 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 26th day of October 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1698.28
Valid to December 31, 2021

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CERTIFIED LABORATORIES
65 Marcus Drive,
Melville, NY 11747
Mary Lee Phone: 516-576-1400
mlee@certified-laboraories.com

CHEMICAL

Valid to: December 31, 2021 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	SOP-W850-200	Vicam Aflatest Manual
Allergens - ELISA	SOP-W500-305 SOP-W500-315	AOAC 2012.01, 2015.05, AOAC-RI 030403, 030404, 061201, 101501
Artificial Colors - TLC	SOP-W700-100	AOAC 988.13 (Young), JAOAC 46(6) 1963 Graichen
Artificial Sweeteners - TLC	SOP-W700-500	AOAC 969.27
Calories - Calculation	SOP-W900-900	21 CFR 101.9 (c)(1)(i)(B)
Carbohydrates - Calculation	SOP-W900-900	21 CFR 101.9 (c)(6)
Chloramphenicol - Immunoassay	SOP-W500-100	Ridascreen R1511
Chloramphenicol - LC/MS/MS	SOP-N500-900	FDA LIB 4302
Cholesterol - GC	SOP-N200-150	AOAC 941.09, 954.03, 976.26
Curcumin Content of Turmeric Spice and Oleoresins - Spectrophotometric	ASTA 18.0	ASTA 18.0
Decomposition- Net Contents of Frozen Seafood - Organoleptic	SOP-Z100-100 SOP-Z100-200 SOP-Z100-600 SOP-Z300-100	AOAC 963.18, 967.13
Determination of Oil Soluble Dyes in Capsicum and Turmeric Samples and Products by HPLC – LC/MS/MS	SOP-N500-500	ASTA 29.0
Dietary Fiber (Total Insoluble and Soluble) - Distillation	SOP-W450-100	AOAC 991.43
Ethylene Chlorohydrin Residues - GC	SOP-N200-650	ASTA 23.3, Jensen, Lebensm Unters, Forsch – 1988

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8398 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Test / Technology(ies)	Method SOP(s)	Reference Method(s)
Ethylene Oxide (ETO) - GC	SOP-N200-660	ASTA 23.2, Jensen, Lebensm Unters, Forsch – 1988 Vol. 187 pgs 535-540
Extractable Color in Capsicums and their Oleoresins - Spectrophotometric	SOP-E800-200	ASTA 20.1
Fat by Ether Extraction - Gravimetry	SOP-W150-400	AOAC 960.39, 991.36, USDA CLG- FAT
Fat by Mojonnier Acid Hydrolysis - Extraction / Gravimetry	SOP-W150-500	AOAC 922.06, 925.32, 933.05, 948.15, 950.54, 952.06, 989.05, 995.19, SMEDP 15.086
Fatty Acid Profile, including Transfat - GC	SOP-N200-100	AOAC 963.22, AOCS Ce 1F-96
Filth (Macroanalytical) - Microscopy / Macroscopy	SOP-E200 SOP-E300 SOP-E600-950 SOP-E600-960	FDA MPM Chapter 5, Subchapters 3, 8, 9, 10, and 11, ASTA 14.0, 14.1, 22.1, 26.0
Fluoroquinolones - HPLC / HPLC-MS	SOP-N500-200	Schneider, et al, Multiresidue Determination of Fluoroquinolones in Shrimp by HPLC / Fluorescence / MS, JAOAC 88, #4.P 1160(2005); Preparation and LC/MS/MS Analysis of Honey for Fluoroquinolone Residues, Method Developed by Florida Dept. of Agriculture & Consumer Svcs; USDA CLG-FL
Foreign Matter Identification - Microscopy	SOP-E400-100	AOAC 945.75, 960.51, ASTA 14.0, 14.1
Histamine - Fluorometric	SOP-W800-400	AOAC 977.13
Light Filth - Microscopy / Macroscopy	SOP-E200 SOP-E300 SOP-E600-950 SOP-E600-960	AOAC Chapter 16, Subchapter 4, 5, 8, 9, 10, 11, 12, 14, 15; FDA LIB 2957, 9156, 3172
Malachite Green, Gentian Violet, Leucomalachite Green, & Leucogentian Violet - LC/MS/MS	SOP-N500-100	AOAC 2012.25, USDA CLG-MGCV3
Melamine, Cyanuric Acid - LC/MS/MS	SOP-N500-400	FDA LIB 4422
Metals - ICP-OES (Al, Ca, Cu, Fe, K, Mg, Mn, Na, Ti, V, Zn)	SOP-N950-000	FDA EAM Section 4.4
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)	SOP-N900-000	FDA EAM Section 4.7
Moisture - Distillation	SOP-E700-100	ASTA 2.0
Moisture Drying Oven - Gravimetric	SOP-W100-100	AOAC 920.116, 920.193, 925.10, 925.23, 926.07, 930.15, 931.04, 941.08, 945.39, 950.46, 952.08, 984.25, 990.19, SMEDP 15.114, USDA CLG MOI

Test Technology(ies)	Method SOP(s)	Reference Method(s)
Moisture Vacuum Oven - Gravimetric	SOP-W100-200	ADPI 2002, AOAC 925.09, 925.30, 925.40, 925.45, 926.08, 927.05, 934.06, 945.62, 977.21, ASTA 2.1, SMEDP 15.114
Nitrite - Colorimetric	SOP-W800-100	AOAC 973.31
Nitrofurans - LC-MS/MS	SOP-N500-300	FDA LIB 4482
pH - Potentiometry	SOP-W600-100	AOAC 981.12
[1]Pesticides - GC-FPD, GC-MS, LC-MS/MS, GC-MS/MS	SOP-N300-800 SOP-N300-820 SOP-N200-800 SOP-N100-800	AOAC 2007.01, FDA LIB 4110, JAOAC Int. 2004 Sept-Oct 87(5):1224-36, JAOAC Int. 2005 Sept-Oct 88(5):1452-62; Pesticide Analytical Manual (3rd Ed.) Vol.1, Ch. 3 with 1999 Updates; Quechers Modification of PAM I 303; USDA CLG-PST5
Piperine Content of Black and White Pepper, their Oleoresins and Soluble Pepper Seasoning - Spectrophotometric	SOP-W800-810	ASTA 12.1
Protein - Distillation / Titration	SOP-W300-100	AOAC 991.20
Pungency of Capsicum and their Oleoresins - HPLC / UPLC	SOP-N400-300 SOP-N400-310	ASTA 21.1, 21.3
Salt - Titration	SOP-W400-100	AOAC 935.47, 937.09, 960.29, USDA CLG-SLT
Steam Volatile Oil in Cassia and other Spices - Distillation	ASTA 5.2, 16.0	ASTA 5.2, 16.0
Sudans - HPLC	SOP-N400-500	ASTA 28
Sugars - IC	SOP-N400-200	AOAC 982.14, 996.04
Sulfites - Optimized Monier Williams Method	SOP-W300-200	AOAC 990.28
Titratable Acidity - Titration	SOP-W400-200	ADPI 916, AOAC 920.124, 930.35, 935.57, 942.15, 947.05, SMEDP 15.021, 15.023,
Total Ash and Acid Insoluble Ash - Gravimetric	SOP-W250-500	AOAC 941.12, 955.03, ASTA 3.0, 4.0
Total Hexane Content - GC	SOP-N200-220	ASTA 27.0 (Modified)
Vanillin - Spectrophotometric	SOP-W800-600	AOAC 966.12
Vitamin A - Spectrophotometric	SOP-N400-700	AOAC 938.04 (Modified)
Vitamin C - HPLC / UPLC	SOP-N400-750 SOP-N400-760	AOAC 2012.22 AOAC 2012.012
Vitamin D - LC/MS/MS	SOP-N500-700	AOAC 2011.11
Water Activity - Hygrometry	SOP-W600-500	AOAC 978.18

[1]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
Chlorantranilliprole	Chlordane-cis	Chlordane-trans (g)
Chlordene	Chlordimeform	Chlorfenapyr
Chlorfenvinphos	Chlorobenzilate	Chloroneb
Chlorothalonil	Chlorpropham	Chlorpyrifos (Dursban)
Chlorpyrifos-methyl	Chlorthal (Dacthal, DCPA)	Chlorthiophos
Clethodim	Clofentizine	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	Etoxazole

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
Isofenphos	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	Terbuthylazine
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

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 26th day of October 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1698.29
Valid to December 31, 2021

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