



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

**CERTIFIED LABORATORIES**  
 3241 Liberty Square Parkway  
 Turlock, CA 95380  
 Randal Garrett Phone: 210-213-9125  
 Randal.Garrett@FSNS.com

**BIOLOGICAL**

Valid To: October 31, 2024

Certificate Number: 1698.32

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 and sampling on foods, food products, dietary supplements, water, and environmental samples:

<b>Quantitative Test Method</b>	<b>Method SOP(s)</b>	<b>Reference Method(s)</b>
Aerobic Plate Count	9360 9362	CMMEF Ch. 8, FDA BAM Ch. 3, SMEDP Ch. 6, SMEWW 9215
	9361	AOAC 986.33, 989.10, 990.12
<i>Bacillus cereus</i>	9350	AOAC 980.31, CMMEF Ch. 31, FDA BAM Ch. 14, USDA MLG Ch. 12
<i>Clostridium perfringens</i>	9368	AOAC 976.30, CMMEF Ch. 33, FDA BAM Ch. 16
Enterobacteriaceae	9359	CMMEF Ch. 9
	9201	AOAC 2003.01
Enumeration of Treated Food Products	13338	Almond Board of California, NRRL B02354
<i>Escherichia coli</i> and Coliforms	9356 9357	AOAC 966.23, 966.24, CMMEF Ch. 9, FDA BAM Ch. 4, SMEWW 9221
	9354	FDA BAM Ch. 4 (VRB)
	9358	SMEWW 9223 (Colilert)
	9355	AOAC 991.14, 996.02, 998.08, SMEDP Ch. 7
Lactic Acid Bacteria	9366	CMMEF Ch. 19
<i>Staphylococcus aureus</i>	9351	AOAC 966.23, 975.55, CMMEF Ch. 39, FDA BAM Ch. 12
	9352	AOAC 2003.07, 2003.08, 2003.11

Quantitative Test Method	Method SOP(s)	Reference Method(s)
Yeast and Mold	9363	AOAC 997.02, 2014.05
	9364	
	9365	CMMEF Ch. 21, FDA BAM Ch. 18

Qualitative Platform	Method SOP(s)	Reference Method(s)
Cultural Confirmation	9344	AOAC 993.12, FDA BAM Ch. 10, USDA MLG Ch. 8 ( <i>Listeria</i> spp.)
	9345	
	9336	AOAC 995.20, FDA BAM Ch. 5, USDA MLG Ch. 4 ( <i>Salmonella</i> spp.)
	9337	
ELFA (VIDAS) Analysis	9346	AOAC-RI 060903 ( <i>E. coli</i> O157:H7- ECPT)
	9338	AOAC 2004.02, 2013.11
	9339	( <i>Listeria monocytogenes</i> )
	9338	AOAC 999.06, 2004.06, 2013.10, AOAC-RI 981202
3M Molecular Detection Assay Analysis	9339	( <i>Listeria</i> spp.)
	9331	AOAC 996.08, 2004.03, 2011.03, 2013.01, AOAC-RI 020901, 071101
	9332	( <i>Salmonella</i> spp.)
	7832	AOAC 2016.01 ( <i>Salmonella</i> spp.)
Microbiological Inoculation of Food Products	7824	AOAC 2017.01 ( <i>E. coli</i> O157:H7)
	13336	Almond Board of California, NRRL B02354
PCR Analysis	9347	AOAC-RI 031002, 050501 ( <i>E. coli</i> O157:H7)
	9341	AOAC 2003.12, AOAC-RI 070202, 080901, 121402 ( <i>L. monocytogenes</i> )
	9341	AOAC-RI 030502, 050903, 081401 ( <i>Listeria</i> spp.)
	9333	AOAC 2013.02, AOAC-RI 081201 ( <i>Salmonella</i> spp.)
VITEK 2	9369	AOAC 2011.17, 2012.02, AOAC-RI 080801 (Gram Positive and Gram Negative Bacteria Identification)

Sampling Technique	Sampling Method	Matrix
Sampling	13332	Environmental Swabbing
	37611	Food and Food-Related Products
	37610	Potable Water Sampling



# Accredited Laboratory

A2LA has accredited

## CERTIFIED LABORATORIES

Turlock, CA

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 6<sup>th</sup> day of June 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1698.32  
Valid to October 31, 2024

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



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CHEMICAL

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Test / Technology(ies)	Method SOP(s)	Reference Method(s)
Aflatoxin - Fluorometric	SOP-W850-200	991.31 (modified)
Aflatoxin - HPLC	SOP-N100-410 SOP-N100-420 SOP-N100-405 SOP-N100-415 SOP-N400-410 SOP-N100-450	AOAC 980.21, 990.33, 991.31 (modified), 999.07, 2000.08, 2005.08
Carbohydrates - HPLC	SOP-N200-200-NCA	AOAC 977.20 (Modified)
Fat by Ether Extraction - Gravimetry	SOP-W150-410	AOAC 960.39, SUDA FAT1
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
Foreign Matter Identification - Microscopy	SOP-E400-100	AOAC 945.75, 960.51, ASTA 14.00, 14.01
Free Fatty Acids - Titration	SOP-W150-200	AOAC 940.28
Light Filth in Tomato Products - Microscopy	SOP-E300-250 SOP-E600-950 SOP-E600-960	AOAC 970.66
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 MOI

<b>Test / Technology(ies)</b>	<b>Method SOP(s)</b>	<b>Reference Method(s)</b>
Moisture Vacuum Oven - Gravimetric	SOP-W100-200	ADPI 2016, 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
Peroxide Value - Titration	SOP-W150-100	AOAC 965.33, AOCS Cd 8b-90
pH - Potentiometry	SOP-W600-100	AOAC 981.12
Protein - Distillation / Titration	SOP-W300-100	AOAC 991.20
Salt - Titration	SOP-W400-100	AOAC 935.47, 937.09, USDA SALT
Titrateable 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, ASTA 3.0, 4.0
Water Activity - Hygrometry	SOP-W600-500	AOAC 978.18



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Presented this 6<sup>th</sup> day of June 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1698.33  
Valid to October 31, 2024

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