



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Certified Laboratories of the Midwest, LLC
2505 Diehl Road
Aurora, IL 60502

Fulfills the requirements of

ISO/IEC 17025:2017

and

**AOAC International – Guidelines for Laboratories Performing
Microbiological and Chemical Analysis of Food, Dietary
Supplements, and Pharmaceuticals – Revision August 2018**

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 26 February 2023

Certificate Number: AT-1848



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017 AND
AOAC INTERNATIONAL – GUIDELINES FOR LABORATORIES
PERFORMING MICROBIOLOGICAL AND CHEMICAL ANALYSIS OF
FOOD, DIETARY SUPPLEMENTS, AND PHARMACEUTICALS –
REVISION AUGUST 2018**

Certified Laboratories of the Midwest, LLC.

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Aurora, IL 60502

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TESTING

Valid to: **February 26, 2023**

Certificate Number: **AT-1848**

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Aerobic Plate Count	CMMEF, Ch. 8; FDA BAM, Ch.3; SMEDP, Ch.6 SMEWW 9215	Foods, Environmental samples, Dairy, and Water	Plate Count
Aerobic Plate Count Petrifilm	AOAC 986.33; AOAC 989.10; AOAC 990.12	Foods, Environmental samples, Dairy and Water	Petrifilm
<i>Bacillus cereus</i>	AOAC 980.31; CMMEF, Ch. 31; FDA BAM, Ch. 14; USDA FSIS MLG, Ch. 12	Foods, Environmental samples, Dairy and Water	Spread Plate
<i>Clostridium perfringens</i>	AOAC 976.30; CMMEF, Ch. 33; FDA BAM, Ch. 16	Foods, Environmental samples, Dairy and Water	Plate Count
Coliforms	CMMEF, Ch. 9; FDA BAM, Ch. 4	Foods, Environmental samples, Dairy and Water	Plate Count

Microbiological

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Coliforms, Fecal Coliform, <i>Escherichia coli</i>	AOAC 966.23; AOAC 966.24; CMMEF, Ch. 9; FDA BAM, Ch. 4; SMEDP, Ch. 7; SMEWW 9221	Foods, Environmental samples, Dairy, and Water	MPN
Coliforms, <i>E. coli</i>	AOAC 991.14; AOAC 996.02; AOAC 998.08 SMEDP, Ch. 7	Foods, Environmental samples, Dairy, and Water	Petrifilm
<i>Enterobacteriaceae</i>	CMMEF, Ch. 9	Foods, Environmental samples, Dairy, and Water	Plate Count
<i>Enterobacteriaceae</i>	AOAC 2003.01	Foods, Environmental samples, Dairy, and Water	Petrifilm
Lactic Acid Producing Bacteria	CMMEF, Ch. 19	Foods, Environmental samples, Dairy, and Water	Plate Count
<i>Staphylococcus aureus</i>	AOAC 966.23; AOAC 975.55; CMMEF, Ch. 39 FDA BAM, Ch. 12	Foods, Environmental samples, Dairy, and Water	Spread Plate
<i>Staphylococcus aureus</i>	AOAC 2003.07; AOAC 2003.08; AOAC 2003.11	Foods, Environmental samples, Dairy, and Water	Petrifilm
Yeast and Mold	CMMEF, Ch. 21; FDA BAM, Ch. 18	Foods, Environmental samples, Dairy, and Water	Plate Count
Yeast and Mold	AOAC 995.21; SMEWW 9610	Foods, Environmental samples, Dairy, and Water	Membrane Filtration
Yeast and Mold	AOAC 997.02; AOAC 2014.05	Foods, Environmental samples, Dairy, and Water	Petrifilm
<i>E. coli</i> O157:H7	AOAC RI 060903; SOP-M300-100-ALL	Foods, Dairy, and Environmental	VIDAS
<i>E. coli</i> O157:H7	AOAC RI 031002; AOAC RI 050501; SOP-M300-200-ALL	Foods, Dairy, and Environmental	PCR
<i>Listeria monocytogenes</i>	AOAC 2004.02; AOAC 2013.11	Foods, Dairy, and Environmental	ELFA
<i>Listeria monocytogenes</i>	AOAC RI 070202; AOAC RI 080901; AOAC RI 121402; AOAC RI 121602; AOAC 2003.12	Foods, Dairy, and Environmental	PCR

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Listeria species	AOAC RI 981202; AOAC 999.06; AOAC 2004.06; AOAC 2013.10	Foods, Dairy, and Environmental	ELFA
Listeria species	AOAC RI 030502; AOAC RI 050903; AOAC RI 051603; AOAC RI 081401	Foods, Dairy, and Environmental	PCR
Listeria species	AOAC 993.12; FDA BAM, Ch. 10; USDA FSIS MLG, Ch. 8	Foods, Dairy, and Environmental	Cultural
Salmonella species	AOAC 995.20; FDA BAM, Ch. 5; USDA FSIS MLG, Ch. 4	Foods, Dairy, and Environmental	Cultural
Salmonella species	AOAC RI 020901; AOAC RI 071101; AOAC 996.08; AOAC 2004.03; AOAC 2011.03; AOAC 2013.01	Foods, Dairy, and Environmental	ELFA
Salmonella species	AOAC RI 111802; SOP-M100-300-CMW	Foods, Dairy, and Environmental	NGS
Salmonella species	AOAC RI 061504; AOAC RI 081201; AOAC 2013.02	Foods, Dairy, and Environmental	PCR
Yeast, Gram Positive and Gram Negative Bacteria Identification	AOAC 2011.17; AOAC 2012.02; AOAC RI 080801; SOP-M800-540-ALL	Bacterial and Yeast Isolates	VITEK 2
Qualitative GMO by Real-Time PCR	SOP-X800-700-CMW	Foods, Food-Related Products and Dairy	RT-PCR
Quantitative GMO by Real-Time PCR	SOP-X800-700-CMW	Foods, Food-Related Products and Dairy	RT-PCR
Microbial Identification and Strain Typing	SOP-X800-650-CMW	Bacteria	RiboPrinter
Hepatitis A by Real-Time PCR	SOP-X800-730-CMW	Foods, Food-Related Products and Environmental	RT-PCR
Environmental Swabbing	SOP-G000-300-ALL	Environmental	Sampling
Potable Water Sampling	WI-G500-100-ALL	Potable Water Collection	Sampling

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Allergens	AOAC RI 030403; AOAC RI 030404; AOAC RI 061201; AOAC RI 101501; AOAC 2012.01; AOAC 2015.05; SOP-W500-305-ALL; SOP-W500-315-ALL SOP-W500-320-ALL	Food, Environment, and Food-Related Products	ELISA
Allergens	SOP-X800-710-CMW	Food, Spices, and Food-Related Products	RT-PCR
Total Ash and Acid Insoluble Ash	AOAC 941.12; ASTA 3.0; ASTA 4.0; SOP-W250-500-ALL	Food and Food-Related Products	Gravimetric
BRIX and Refractive Index	AOAC 932.12C; SOP-W600-600-ALL	Sucrose Solutions, Syrups	Refractometric
Extractable Color in Capsicums and Their Oleoresins	ASTA 20.1; SOP-E800-200-ALL	Spices and Foods	Spectrophotometric
Fat by Mojonnier Acid Hydrolysis	AOAC 922.06; AOAC 933.05; AOAC 950.54; AOAC 989.05; AOAC 995.19; AOAC 952.06; AOAC 948.15; AOAC 925.32 SMEDP 15.086; SOP-W150-500-ALL	Food and Food-Related Products	Extraction / Gravimetry
Fat by Petroleum Ether Extraction, Soxhlet	AOAC 960.39; SOP-W150-400-ALL	Food and Food-Related Products	Extraction / Gravimetry

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Moisture Drying Oven	AOAC 920.116; AOAC 931.04; AOAC 930.15; AOAC 925.10; AOAC 984.25; AOAC 941.08; AOAC 926.07; AOAC 950.46; AOAC 925.23; AOAC 990.19; AOAC 952.08; AOAC 920.193; AOAC 945.39; SMEDP 15.114; USDA, CLG-MOI; SOP-W100-100-ALL	Food and Food-Related Products	Gravimetric
Moisture Vacuum Oven	ADPI 2002; AOAC 925.09; AOAC 925.30; AOAC 925.40; AOAC 925.45; AOAC 927.05; AOAC 926.08; AOAC 934.06; AOAC 945.62; AOAC 977.21; ASTA 2.1; SMEDP 15.114; SOP-W100-200-ALL	Food, spices and Food-Related Products	Gravimetric
pH	AOAC 981.12; SOPW-600-100-ALL	Food and Food-Related Products	Potentiometric
Protein	AOAC 991.20; SOP-W300-100-ALL	Food and Food-Related Products	Kjeldahl
Salt	AOAC 935.47; AOAC 937.09; AOAC 960.29; USDA, CLG SLT; SOP-W400-100-ALL	Food and Food-Related Products	Titration
Water Activity	AOAC 978.18; SOP-W600-500-ALL	Food and Food-Related Products	Hygrometry

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Sampling	SOP-G100-100-ALL	Food and Food Related Products	Sampling

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1848.



R. Douglas Leonard Jr., VP, PILR SBU

