



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Northland Laboratories Mount Prospect
1061 Feehanville Drive
Mount Prospect, IL 60056

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

AT-1491

Certificate Number



ANAB Approval

Certificate Valid: 07/24/2017-10/22/2018
Version No. 003 Issued: 07/24/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 17025:2005

Northland Laboratories – Mount Prospect

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TESTING

Valid to: **October 22, 2018**

Certificate Number: **AT - 1491**

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	FDA/BAM Ch 3	Food / Environmental	Plate
Aerobic Plate Count by Petrifilm	AOAC 990.12	Food / Environmental	Petrifilm
Coliform/ <i>E. coli</i> Count by VRBA	FDA/BAM Ch 4	Food / Environmental	Plate
Coliform/ <i>E. coli</i> Count by MPN	FDA/BAM Ch 4	Food / Environmental	Multiple Tube
Coliform/ <i>E. coli</i> Count by Petrifilm	AOAC 991.14 / 991.99	Food / Environmental	Petrifilm
<i>Enterobacteriaceae</i> by Petrifilm	CMMEF 8.63/ AOAC 2003.01	Food / Environmental	Petrifilm
<i>Staphylococcus aureus</i> Count, coagulase positive	FDA/BAM Ch 12	Food / Environmental	Plate
<i>Staphylococcus aureus</i> Count, coagulase positive by Petrifilm	AOAC 2003.07	Food / Environmental	Petrifilm
Yeast/Mold Count	FDA/BAM Ch 18	Food / Environmental	Plate
Yeast/Mold Count by Petrifilm	AOAC 997.02	Food / Environmental	Petrifilm
Rapid Yeast/Mold Count by Petrifilm	3M Petrifilm 6475/6477 (AOAC PTM 121301)	Food / Environmental	Petrifilm
Listeria genus by ELFA	AOAC 2004.06	Food	BioMerieux VIDAS
Listeria genus by ELFA	Listeria spp. VIDAS 30700 (AOAC RI 981202)	Environmental	BioMerieux VIDAS
Listeria genus by PCR	iQ Check Listeria spp. 730003459 (AOAC RI 090701)	Food / Environmental	Bio-Rad iQCheck
<i>Listeria monocytogenes</i> by ELFA	AOAC 2004.02	Food / Environmental	BioMerieux VIDAS

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<i>Listeria monocytogenes</i> by PCR	iQ Check <i>Listeria monocytogenes</i> 730003592 AOAC RI 010802	Food / Environmental	Bio-Rad iQCheck
Salmonella genus by ELFA	AOAC 2011.03	Food / Environmental	BioMerieux VIDAS
Salmonella genus by PCR	iQ Check Salmonella 730003613 (AOAC RI 010803)	Food / Environmental	Bio-Rad iQCheck
<i>E. coli</i> O157:H7 by ELFA	<i>E. coli</i> O157:H7 VIDAS 30112 (AOAC RI 060903)	Food / Environmental	BioMerieux VIDAS
<i>E. coli</i> O157:H7 by PCR	iQ Check <i>E. coli</i> O157:H7 730003460 (AOAC RI 020801)	Food / Environmental	Bio-Rad iQCheck

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Ash	AOAC 923.03	Food	Muffle Furnace
Fat (Modified Mojonnier / Roese Gottlieb)	AOAC 989.05	Food	Fat Extraction (Mojonnier Flask)
Fat (Acid Hydrolysis)	AOAC 922.06	Food	Fat Extraction (Mojonnier Flask)
Fat (Soxhlet)	AOAC 960.39	Food	Fat Extraction (Heated Reflux)
Moisture	AOAC 926.08	Food	Vacuum oven
Moisture	AOAC 950.46B	Food	Drying oven
Protein (combustion)	AOAC 990.03	Food	LECO Analyzer
Total Dietary Fiber	AOAC 991.43	Food	TDF Analyzer (Ankom)
Vitamin A	AOAC 992.04 / 974.29 (Modified)	Food	HPLC
Vitamin C	Journal of Liquid Chromatography & Related Technology	Food	HPLC
Salt (Volhard)	AOAC 935.43	Food	
Metals and Minerals (Ca, Mg, Fe, K, Na)	Modified AOAC 2011.14	Food	ICP-MS
Heavy Metal Contaminants (As, Pb, Cd, Hg)	Modified AOAC 2013.06	Food	ICP-MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cholesterol	AOAC 994.10 (modified extraction)	Food	GC
Fatty Acid Profile	AOAC 996.06, Modified	Food	GC
Sugar Profile	AOAC 982.14, 984.22 Modified	Food	HPLC

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1491.




Vice President