



# CERTIFICATE OF ACCREDITATION

## ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

**Venture Laboratories, Inc.**

**848 Nandino Blvd., Suite K**

**Lexington, KY 40511**

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

**ISO/IEC 17025:2017**

while demonstrating technical competence in the field of

**TESTING**

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AT-1755

Certificate Number

  
ANAB Approval

Certificate Valid Through: 01/23/2021  
Version No. 005 Issued: 12/10/2019



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).



# ANSI National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

### Venture Laboratories, Inc.

848 Nandino Blvd., Suite K  
Lexington, KY 40511

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### TESTING

Valid to: **January 23, 2021**

Certificate Number: **AT-1755**

#### Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Beta Glucan	AOAC 995.16	Food / Enzyme / Nutraceutical	Spectrophotometric
Beta Glucan-Yeast/Mushroom	Megazyme Kit	Nutraceutical	Spectrophotometric
Beta Glucan – Enzymatic Yeast	Megazyme Kit K-EBHLG	Nutraceutical	Spectrophotometric
Biotin	AOAC 101001	Nutraceutical / Food / Environmental Samples	ELISA
Capsule / Tablet Weight	USP 2091	Nutraceutical	Gravimetric
Carbohydrates Sugar Alcohols	Eur. Food Res. Technol. 220:101-105	Nutraceutical	HPLC
Coenzyme Q <sub>10</sub>	USP 41-NF36	Food / Nutraceutical	HPLC
Disintegration	USP 711 USP 2040	Nutraceutical	Specialized Water Bath
Fish Oil	AOAC 991.39	Food / Nutraceutical	GC
Fructooligosaccharides	Food Chemicals Codex 11th Ed. Page 499	Nutraceutical / Food	HPLC
Invertase	Food Chemicals Codex 11 <sup>th</sup> Ed. Page 1378	Food / Enzyme / Nutraceutical	Spectrophotometric
Iodine Value	AOAC 993.20	Food / Nutraceutical	Titration
α-Lipoic Acid	Journal of Cosmetic Science 55 449-461, 2004	Food / Nutraceutical	HPLC
Magnesium Citrate	USP 40-NF35	Nutraceutical	Titration

**Chemical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Moisture Content	AOAC 930.15	Food / Enzyme / Nutraceutical	Gravimetric
MSM	USP41-NF36 Page 4769	Nutraceutical	GC
pH	USP 791	Food / Enzyme / Nutraceutical	pH meter
Total Phenolics	VL-E-0133 adapted from Waterman & Mole 1994	Food / Nutraceutical	Spectrophotometric
Acid Lactase	Food Chemicals Codex 11th Ed. Page 1380.	Food / Enzyme / Nutraceutical	Spectrophotometric
$\alpha$ -Galactosidase	Food Chemicals Codex 11th Ed. Page 1373	Food / Enzyme / Nutraceutical	Spectrophotometric
Beta Glucanase	Food Chemicals Codex 11th Ed. Page 1374	Food / Enzyme / Nutraceutical	Spectrophotometric
Ceralpha Amylase	AACC 22-02.01	Food / Enzyme / Nutraceutical	Spectrophotometric
Nonbacterial Amylase	Food Chemicals Codex 11th Ed. Page 1368	Food / Enzyme / Nutraceutical	Spectrophotometric
Cellulase	Food Chemicals Codex 11th Ed. Page 1371	Food / Enzyme / Nutraceutical	Viscometric
Chymotrypsin	Food Chemicals Codex 11th Ed. Page 1372 USP41–NF36	Food / Enzyme / Nutraceutical	Spectrophotometric
Glucoamylase	Food Chemicals Codex 11th Ed. Page 1374	Food / Enzyme / Nutraceutical	Spectrophotometric
Hemicellulase	Food Chemicals Codex 11th Ed. Page 1377	Food / Enzyme / Nutraceutical	Viscometric
HMF	AOAC 980.23	Food	Spectrophotometric
Honey Amylase	AOAC 958.09	Food	Spectrophotometric
Lipase - Microbial	Food Chemicals Codex 11th Ed. Page 1382	Food / Enzyme / Nutraceutical	Titration
Nattokinase	Japan Biosciences Lab method	Nutraceutical	Spectrophotometric
Pancreatin Amylase Pancreatin Lipase Pancreatin Protease	Food Chemicals Codex 11th Ed. Page 1384	Food / Enzyme / Nutraceutical	Spectrophotometric and Titration
Papain/Plant Protease	Food Chemicals Codex 11th Ed. Page 1389/USP 41–NF36 Page 3161	Food / Enzyme / Nutraceutical	Spectrophotometric
Pepsin	Food Chemicals Codex 11th Ed. Page 1386	Food / Enzyme / Nutraceutical	Spectrophotometric

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Peroxidase	Methods in Enzymology, 1955/AACC 22-80.01	Food / Enzyme / Nutraceutical	Spectrophotometric
Polyphenol Oxidase	J. Food Chem.	Food / Enzyme / Nutraceutical	Spectrophotometric
Protease, Fungal	Food Chemicals Codex 11th Ed. Page 1390	Food / Enzyme / Nutraceutical	Spectrophotometric
Protease Acid Stable	Food Chemicals Codex 11th Ed. Page 1391	Nutraceutical / Food / Environmental Samples	Spectrophotometric
Serrapeptase	Japan Pharmacopeia	Nutraceutical / Food / Environmental Samples	Spectrophotometric
Silymarin	Journal of Chemical and Pharmaceutical Research	Nutraceutical	Spectrophotometric
Trypsin	Food Chemicals Codex 11th Ed. Page 1394 USP41–NF36	Food / Enzyme / Nutraceutical	Spectrophotometric
Xylanase	Bailey and Poutanen. 1989, 1992. Appl. Microbiol. Biotech.	Food / Enzyme / Nutraceutical	Spectrophotometric

**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 Chapter 3	Nutraceutical / Food / Environmental Samples	Pour Plate
Anaerobic Plate Count	Compendium of Methods for the Microbiological Examination of Foods	Nutraceutical / Food / Environmental Samples	Pour Plate
<i>Bacillus coagulans</i> Enumeration	Food Chemicals Codex 11th Ed. Page 108	Nutraceutical / Food	Pour Plate
Bifidobacteria	Journal of Food Protection 59, 41–45	Nutraceutical / Food / Environmental Samples	Pour Plate
Coliform / <i>E. coli</i>	FDA/BAM Chapter 4	Nutraceutical / Food / Environmental Samples	Pour Plate
<i>Clostridium perfringens</i>	FDA/BAM Chapter 16	Nutraceutical / Food / Environmental Samples	Pour Plate
Lactic Acid Bacteria	Compendium of Methods for the Microbiological Examination of Foods	Nutraceutical / Food / Environmental Samples	Pour Plate
Spore Count	Compendium of Methods for the Microbiological Examination of Foods	Nutraceutical / Food / Environmental Samples	Pour Plate

**Microbiological**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
<i>Staphylococcus aureus</i> enumeration	FDA/BAM Chapter 12	Nutraceutical / Food / Environmental Samples	Pour Plate
Yeast / Mold Enumeration	FDA/BAM Chapter 18	Nutraceutical / Food / Environmental Samples	Pour Plate
Aerobic Plate Count	AOAC 990.12	Nutraceutical / Food / Environmental Samples	Petrifilm
Coliform/ <i>E. coli</i>	AOAC 991.14	Nutraceutical / Food / Environmental Samples	Petrifilm
<i>Listeria sp.</i>	AOAC License #030601	Environmental Samples	Petrifilm
<i>Enterobacteriaceae</i>	AOAC 2003.01	Nutraceutical / Food / Environmental Samples	Petrifilm
<i>Staphylococcus aureus</i> enumeration	AOAC 2003.07	Nutraceutical / Food / Environmental Samples	Petrifilm
Yeast / Mold	AOAC 997.02	Nutraceutical / Food / Environmental Samples	Petrifilm
Microbial Enumeration Tests	USP 2021 USP 2022	Nutraceutical / Food / Environmental Samples	Incubator
Detection / Enumeration of <i>L. monocytogenes</i>	FDA/BAM Chapter 10	Nutraceutical / Food / Environmental Samples	Incubator
<i>Salmonella</i>	FDA/BAM Chapter 5	Nutraceutical / Food / Environmental Samples	Incubator
<i>E. coli</i> O157:H7 <i>E. Coli</i> STEC Top 7 (O157:H7; O103; O11; O121; O145; O26; O45)	AOAC 2005.04 AOAC 071301	Nutraceutical / Food / Environmental Samples	Molecular Detection
<i>Listeria sp.</i> and <i>L. monocytogenes</i>	AOAC Certificate No. 070701 No. 070702	Nutraceutical / Food / Environmental Samples	Molecular Detection
<i>Salmonella sp.</i>	AOAC 2009.03	Nutraceutical / Food / Environmental Samples	Molecular Detection
Food Allergens	AOAC 2012.01; AOAC 991.19; AOAC RI 030404	Nutraceutical / Food / Environmental Samples	ELISA

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1755.



Vice President