



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

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 17025:2005

while demonstrating technical competence in the field of

TESTING

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

AT-1755

Certificate Number



ANAB Approval

Certificate Valid: 01/15/2018-01/23/2019
Version No. 003 Issued: 01/15/2018



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

Venture Laboratories, Inc.

848 Nandino Blvd., Suite K

Lexington, KY 40511

Kyle Newman 859-281-6330

knewman@ventlabs.com www.ventlabs.com

TESTING

Valid to: **January 23, 2019**

Certificate Number: **AT-1755**

Chemical – Enzyme

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|---|---|------------------------------------|
| Acid Lactase | Food Chemicals Codex 10 th Ed. Page 1489. | Food / Nutraceutical | Spectrophotometric |
| α -Galactosidase | Food Chemicals Codex 10 th Ed. Page 1481 | Food / Nutraceutical | Spectrophotometric |
| Ceralpha Amylase | AACC 22-02.01 | Food / Enzyme | Spectrophotometric |
| Nonbacterial Amylase | Food Chemicals Codex 10 th Ed. Page 1476 | Food / Enzyme | Spectrophotometric |
| Cellulase | Food Chemicals Codex 10 th Ed. Page 1478 | Food / Enzyme / Nutraceutical | Viscometric |
| Glucoamylase | Food Chemicals Codex 10 th Ed. Page 1482 | Food / Enzyme | Spectrophotometric |
| Beta Glucan | AOAC 995.16 | Food / Nutraceutical | Spectrophotometric |
| Hemicellulase | Food Chemicals Codex 10 th Ed. Page 1485 | Food / Enzyme / Nutraceutical | Viscometric |
| HMF | AOAC 980.23 | Food | Spectrophotometric |
| Honey Amylase | AOAC 958.09 | Food | Spectrophotometric |
| JBSL Nattokinase | Japan Biosciences Lab method | Nutraceutical | Spectrophotometric |
| Pancreatin Protease | Food Chemicals Codex 10 th Ed. Page 1493 | Nutraceutical | Spectrophotometric |
| Fungal Protease | Food Chemicals Codex 10 th Ed. Page 1500 | Food / Nutraceutical | Spectrophotometric |

Chemical – Enzyme

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|---|---|------------------------------------|
| Plant Protease/Papain | Food Chemicals Codex 10 th Ed. Page 1498/USP 40–NF35 Page 5569 | Food / Nutraceutical | Spectrophotometric |
| Pepsin | Food Chemicals Codex 10 th Ed. Page 1495 | Food / Nutraceutical | Spectrophotometric |
| Polyphenol Oxidase | J. Food Chem. | Food / Nutraceutical | Spectrophotometric |
| Yeast Beta Glucan | Megazyme Kit | Nutraceutical | Spectrophotometric |
| Enzymatic Yeast Beta Glucan | Megazyme Kit K-EBHLG | Nutraceutical | Spectrophotometric |
| Chymotrypsin | Food Chemicals Codex 10 th Ed. Page 1479 | Food / Nutraceutical | Spectrophotometric |
| Trypsin | Food Chemicals Codex 10 th Ed. Page 1503 | Food / Nutraceutical | Spectrophotometric |
| Beta Glucanase | Food Chemicals Codex 10 th Ed. Page 1482 | Food / Nutraceutical | Spectrophotometric |
| Peroxidase | Methods in Enzymology, 1955/AACC 22-80.01 | Food / Nutraceutical | Spectrophotometric |
| Xylanase | Bailey and Poutanen. 1989, 1992. Appl. Microbiol. Biotech. | Food / Nutraceutical | Spectrophotometric |
| Fish Oil | AOAC 991.93 | Food / Nutraceutical | GC |
| MSM | USP 607 | Nutraceutical | GC |
| Total Carbohydrate | Eur. Food Res. Technol. 220:101-105 | Nutraceutical | HPLC |
| Moisture Content | AOAC 930.15 | Food / Nutraceutical | Gravimetric |
| Capsule / Tablet Weight | USP 2091 | Nutraceutical | Gravimetric |
| Disintegration | USP 711 USP 2040 | Nutraceutical | Specialized Water Bath |
| Iodine Value | AOAC 993.20 | Food / Nutraceutical | Titration |
| Pancreatin Amylase | Food Chemicals Codex 10 th Ed. Page 1493 | Nutraceutical | Titration |
| Pancreatin Lipase | Food Chemicals Codex 10 th Ed. Page 1493 | Nutraceutical | Titration |
| Microbial Lipase | Food Chemicals Codex 10 th Ed. Page 1490 | Food / Nutraceutical | Titration |
| Magnesium Citrate | USP 40-NF35 | Nutraceutical | Titration |

Chemical – Enzyme

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|---|--|------------------------------------|-----------------------------|
| pH | USP 791 | Food / Nutraceutical | pH meter |
| Co-Enzyme Q10 | USP 40-NF35 | Nutraceutical | HPLC |
| Alpha Lipoic Acid | Journal of Cosmetic Science 55 449-461, 2004 | Nutraceutical | HPLC |
| Total Phenolics | VL-E-0133 adapted from Waterman & Mole 1994 | Nutraceutical | Spectrophotometric |

Microbial

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|---|--|--|-----------------------------|
| 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</i> sp. | 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 |
| Aerobic Plate Count | FDA/BAM Chapter 3 | Nutraceutical / Food / Environmental Samples | Pour Plate |
| <i>Bacillus coagulans</i> Enumeration | Food Chemicals Codex 10 th Ed. | Nutraceutical / Food | Pour Plate |
| <i>C. perfringens</i> | FDA/BAM Chapter 16 | Nutraceutical / Food / Environmental Samples | Pour Plate |
| Coliform / <i>E. coli</i> by VRBA | FDA/BAM Chapter 4 | Nutraceutical / Food / Environmental Samples | Pour Plate |
| Lactic Acid Bacteria | Compendium of Methods for the Microbiological Examination of Foods | Nutraceutical / Food / Environmental Samples | Pour Plate |
| <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 |

Microbial

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|--|--|-----------------------------|
| Anaerobic Plate Count | Compendium of Methods for the Microbiological Examination of Foods | Nutraceutical / Food / Environmental Samples | Pour Plate |
| Bifidobacteria | Journal of Food Protection 59, 41–45 | Nutraceutical / Food / Environmental Samples | Pour Plate |
| 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 |
| Food Allergens | AOAC 2012.01; AOAC 991.19; AOAC RI 030404 | Nutraceutical / Food / Environmental Samples | ELISA |
| <i>E. coli</i> O157:H7 | AOAC 2005.04 | Nutraceutical / Food / Environmental Samples | Molecular Detection |
| <i>Listeria</i> sp. and <i>L. monocytogenes</i> | AOAC Certificate No. 070701 | Nutraceutical / Food / Environmental Samples | Molecular Detection |
| <i>Salmonella</i> sp. | AOAC 2009.03 | Nutraceutical / Food / Environmental Samples | Molecular Detection |

Note:

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



Vice President

