

# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

## Venture Laboratories, Inc.

805 Newtown Circle, Suite 150 Lexington, KY 40511

Fulfills the requirements of

ISO/IEC 17025:2017

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 <a href="https://www.anab.org">www.anab.org</a>.

Jason Stine, Vice President

Expiry Date: 23 January 2027 Certificate Number: AT-1755





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

## Venture Laboratories, Inc.

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### **TESTING**

Valid to: January 23, 2027 Certificate Number: AT-1755

#### Chemical

| Specific Tests and/or<br>Properties Measured | Specification, Standard,<br>Method, or Test Technique | Items, Materials or<br>Product Tested | Key Equipment or<br>Technology |
|--|---|---------------------------------------|--------------------------------|
| Fish Oil                                     | AOAC 991.39   | Food / Supplement                     | GC                             |
| MSM  | USP NF 2022   | Supplement                            | GC                             |
| Capsule / Tablet Weight                      | USP 2091  | Supplement                            | Gravimetric                    |
| Moisture Content                             | AOAC 930.15   | Food / Enzyme / Supplement            | Gravimetric                    |
| pН   | USP 791   | Food / Enzyme / Supplement            | pH Meter                       |
| Caffeine                                     | AOAC 979.08   | Supplement                            | HPLC                           |
| Carbohydrates Sugars<br>Alcohols             | Eur. Food Res. Technol.<br>220:101-105                | Supplement                            | HPLC                           |
| Coenzyme Q10                                 | USP NF 2022   | Food / Supplement                     | HPLC                           |
| Fructooligosaccharides                       | Food Chemicals Codex<br>USP-DSC                       | Food / Supplement                     | HPLC                           |
| α-Lipoic Acid                                | Journal of Cosmetic Science 55 449-461, 2004          | Food / Supplement                     | HPLC                           |
| Disintegration / Dissolution                 | USP 711;<br>USP 2040                                  | Supplement                            | Specialized Water Bath         |
| Acid Lactase                                 | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Beta Glucan                                  | AOAC 995.16   | Food / Enzyme / Supplement            | Spectrophotometric             |
| Beta Glucan –Yeast /<br>Mushroom             | Megazyme Kit  | Supplement                            | Spectrophotometric             |





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| Beta Glucanase                               | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Ceralpha Amylase                             | AACC 22-02.01   | Food / Enzyme / Supplement            | Spectrophotometric             |
| Chymotrypsin                                 | Food Chemicals Codex<br>USP-DSC<br>USP NF             | Food / Enzyme / Supplement            | Spectrophotometric             |
| Glucoamylase                                 | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| HMF  | AOAC 980.23   | Food                                  | Spectrophotometric             |
| Honey Amylase                                | AOAC 958.09   | Food                                  | Spectrophotometric             |
| Invertase                                    | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Nattokinase                                  | Japan Biosciences Lab  Method                         | Supplement                            | Spectrophotometric             |
| Nonbacterial Amylase                         | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Papain / Plant Protease<br>Bromelain         | Food Chemicals Codex<br>USP-DSC<br>USP NF             | Food / Enzyme / Supplement            | Spectrophotometric             |
| Pepsin                                       | Food Chemicals Codex<br>USP-DSC<br>USP NF             | Food / Enzyme / Supplement            | Spectrophotometric             |
| Peroxidase                                   | Methods in Enzymology,<br>1955 / AACC 22-80.01        | Food / Enzyme / Supplement            | Spectrophotometric             |
| Polyphenol Oxidase                           | J. Food Chem. 71:51-58                                | Food / Enzyme / Supplement            | Spectrophotometric             |
| Protease Acid Stable                         | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Protease, Fungal                             | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Serrapeptase                                 | Japan Pharmacopeia                                    | Food / Enzyme / Supplement            | Spectrophotometric             |
| Silymarin                                    | Journal of Chemical and Pharmaceutical Research       | Supplement                            | Spectrophotometric             |
| Total Phenolics                              | VL-E-0133 adapted from<br>Waterman & Mole 1994        | Food / Supplement                     | Spectrophotometric             |
| ISO Polyphenols                              | ISO 14502-1:2005 (E)                                  | Food / Supplement                     | Spectrophotometric             |
| Trypsin                                      | Food Chemicals Codex<br>USP-DSC                       | Food / Enzyme / Supplement            | Spectrophotometric             |



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| Xylanase                                     | Bailey and Poutanen 1989,<br>1992. Appl. Microbiol.<br>Biotech. | Food / Enzyme / Supplement            | Spectrophotometric             |
| α-Galactosidase                              | Food Chemicals Codex<br>USP-DSC                                 | Food / Enzyme / Supplement            | Spectrophotometric             |
| Pancreatin Protease                          | Food Chemicals Codex<br>USP-DSC<br>USP NF                       | Food / Enzyme / Supplement            | Spectrophotometric             |
| Pancreatin Amylase                           | Food Chemicals Codex<br>USP-DSC<br>USP NF                       | Food / Enzyme / Supplement            | Titration                      |
| Pancreatin Lipase                            | Food Chemicals Codex<br>USP-DSC<br>USP NF                       | Food / Enzyme / Supplement            | Titration                      |
| Iodine Value                                 | AOAC 993.20   | Food / Supplement                     | Titration                      |
| Lipase – Microbial                           | Food Chemicals Codex<br>USP-DSC                                 | Food / Enzyme / Supplement            | Titration                      |
| Magnesium Citrate                            | USP 40-NF35   | Supplement                            | Titration                      |
| Cellulase                                    | Food Chemicals Codex<br>USP-DSC                                 | Food / Enzyme / Supplement            | Viscometric                    |
| Hemicellulase                                | Food Chemicals Codex<br>USP-DSC                                 | Food / Enzyme / Supplement            | Viscometric                    |







### Microbiological

| Specific Tests and/or<br>Properties Measured   | Specification, Standard,<br>Method, or Test Technique  | Items, Materials or<br>Product Tested        | Key Equipment or<br>Technology |
|--|--|--|--------------------------------|
| Food Allergens  Peanut Peanut Almond Crustacean Egg Fish Gluten/Gliadin Soy Walnut Milk Sesame | AOAC RI 030404<br>AOAC RI 112102<br>VL-M-0070;<br>VL-M-0071<br>VL-M-0072<br>VL-M-0074<br>AOAC 2012.01<br>VL-M-0073<br>VL-M-0076<br>AOAC RI 101501<br>VL-M-0078 | Supplement / Food /<br>Environmental Samples | ELISA                          |
| Biotin   | AOAC 101001  | Supplement / Food /<br>Environmental Samples | ELISA                          |
| E. coli O157:H7, E. Coli<br>STEC Top 7 (O157H7, O103,<br>O11, O121, O145, O26, O45)            | 1  | Supplement / Food /<br>Environmental Samples | Molecular Detection            |
| Listeria sp. and<br>L. monocytogenes   | AOAC 070701;<br>AOAC 070702  | Supplement / Food / Environmental Samples    | Molecular Detection            |
| Salmonella sp.   | AOAC 2009.03   | Supplement / Food /<br>Environmental Samples | Molecular Detection            |
| Aerobic Plate Count  | AOAC 990.12  | Supplement / Food / Environmental Samples    | Petrifilm                      |
| Coliform / E. coli   | AOAC 991.14  | Supplement / Food /<br>Environmental Samples | Petrifilm                      |
| Lactic Acid Bacteria   | AOAC 041701  | Environmental Samples                        | Petrifilm                      |
| Staphylococcus aureus enumeration  | AOAC 2003.07   | Supplement / Food /<br>Environmental Samples | Petrifilm                      |
| Yeast / Mold   | AOAC 997.02  | Supplement / Food /<br>Environmental Samples | Petrifilm                      |
| Aerobic Plate Count  | FDA / BAM Ch. 3  | Supplement / Food / Environmental Samples    | Pour Plate                     |
| Anaerobic Plate Count  | Compendium of Methods for<br>Microbiological Examination<br>of Foods   | Supplement / Food /<br>Environmental Samples | Pour Plate                     |
| Bacillus coagulans enumeration   | Food Chemicals Codex<br>USP-DSC<br>USP NF  | Supplement / Food                            | Pour Plate                     |





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|--|--|--|--------------------------------|
| Bifidobacteria   | Journal of Food Protection 59, 41-45                                 | Supp <mark>l</mark> ement / Food /<br>Environmental Samples                | Pour Plate                     |
| Clostridium perfringens  | FDA / BAM Ch. 16   | Supp <mark>le</mark> ment / Food /<br>Environmental Samples                | Pour Plate                     |
| Coliform / E. coli   | FDA / BAM Ch. 4  | Sup <mark>plem</mark> ent / Food /<br>Env <mark>ironme</mark> ntal Samples | Pour Plate                     |
| Detection / Enumeration of L. monocytogenes                          | FDA / BAM Ch. 10   | Supplement / Food / Environmental Samples                                  | Pour Plate                     |
| Lactic Acid Bacteria   | Compendium of Methods for<br>Microbiological Examination<br>of Foods | Supplement / Food /<br>Environmental Samples                               | Pour Plate                     |
| Microbial Enumeration Tests<br>and Absence of Specified<br>Organisms | USP 2021;<br>USP 2022  | Supplement / Food / Environmental Samples                                  | Pour Plate                     |
| Salmonella   | FDA / BAM Ch. 5  | Supplement / Food / Environmental Samples                                  | Pour Plate                     |
| Spore Count  | Compendium of Methods for<br>Microbiological Examination<br>of Foods | Supplement / Food /<br>Environmental Samples                               | Pour Plate                     |
| Staphylococcus aureus enumeration                                    | FDA / BAM Ch. 12   | Supplement / Food / Environmental Samples                                  | Pour Plate                     |
| Yeast / Mold enumeration   | FDA / BAM Ch. 18   | Supplement / Food /<br>Environmental Samples                               | Pour Plate                     |

#### Note:

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

Jason Stine, Vice President

