



thrivous.com – support@thrivous.com – +1 801 658 9661 – 50 W Broadway 333 #73216, SLC UT 84101 USA

## CERTIFICATE OF ANALYSIS AND QUALITY

|         |                 |
|---------|-----------------|
| Product | L-Theanine      |
| SKU     | THEANINE        |
| Barcode | 199284692169    |
| Date    | 21 January 2026 |

### Label

**Warning:** Consult a physician before and during use of all dietary supplements.  
**Use:** Take 1 capsule up to 4 times daily, for a total of 1 to 4 capsules daily.  
**Storage:** Keep cool and dry, away from children.



**L-THEANINE**

Purity, Potency, and Safety Tested by  
ISO-Certified Third-Party Labs in the USA

**Dietary Supplement**  
**180 CAPSULES**



| Supplement Facts                                     |               |
|------------------------------------------------------|---------------|
| Serving Size 1 Capsule<br>Servings Per Container 180 |               |
| Amount Per Serving                                   | % Daily Value |
| L Theanine 200 mg                                    | †             |
| † Daily Value Not Established                        |               |

Other Ingredients: Apple Fiber, Hypromellose (Capsule)

THRIVOUS, 50 W BROADWAY 333 #73216, SLC UT 84101 USA

### Certifications

Letter of Guarantee

|                                                                        |
|------------------------------------------------------------------------|
| Good Manufacturing Practice (GMP) Certificate from Manufacturing       |
| ISO/IEC 17025 Certificate from Third-Party Testing                     |
| Certificate of Analysis from Third-Party Testing                       |
| Capsule Certificate of Analysis from Supplier                          |
| Capsule Certificate of Analysis from Third-Party Testing               |
| Excipient Apple Fiber Certificate of Analysis from Supplier            |
| Excipient Apple Fiber Certificate of Analysis from Third-Party Testing |
| L Theanine Certificate of Analysis from Supplier                       |
| L Theanine Certificate of Analysis from Third-Party Testing            |



thrivous.com – support@thrivous.com – +1 801 658 9661 – 50 W Broadway 333 #73216, SLC UT 84101 USA

21 January 2026

RE: Letter of Guarantee for Thrivous L-Theanine

To whom it may concern,

The undersigned, Thrivous LLC (“Thrivous”), hereby guarantees as follows regarding L-Theanine (“Product”):

1. Product is manufactured according to current Good Manufacturing Practices as indicated in 21 CFR Part 111.
2. Product is tested by third party laboratories according to current best practices as indicated in ISO/IEC 17025.
3. All ingredients utilized for Product are lawful and safe as defined in section 402(f) of the FD&C Act.
4. To the best of Thrivous’ knowledge, concentrations of active ingredients, as stated on the label of Product, are safe for consumption.

Thrivous further guarantees that any agent signing on behalf of Thrivous has the authority to bind and obligate Thrivous.

Thrivous LLC

Lincoln Cannon  
CEO at Thrivous



State of Utah  
SPENCER J. COX  
Governor  
DEIDRE M. HENDERSON  
Lieutenant Governor

## Department of Agriculture and Food

Craig W. Butters  
Commissioner  
Kelly Pehrson  
Deputy Commissioner  
Travis Waller  
Director, Regulatory Services

Certificate No.: REG-2025-18643

### GOOD MANUFACTURING PRACTICE CERTIFICATE

ORIGIN NUTRACEUTICAL INC, located at, 151 E 3450 N, SPANISH FORK, UT 84660 is currently registered and inspected as a manufacturer of dietary supplements. ORIGIN NUTRACEUTICAL INC has all the facilities and equipment required to comply with the GOOD MANUFACTURING PRACTICE's (GMP's) for dietary supplements and meets the requirements of 21 CFR 117. ORIGIN NUTRACEUTICAL INC is subject to inspections at suitable intervals or in accordance to the regulations. Inspections evaluate and assures compliance with the state and federal regulations adopted through rules, which identifies the standard for proper facility construction, good manufacturing practices for dietary supplements (GMP), and fulfills requirements of those applicable laws and rules in the State of Utah.

This certificate is valid 1 (one) year from the notarized date.



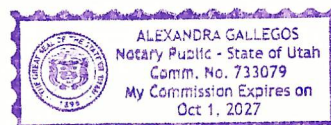
UTAH DEPARTMENT OF AGRICULTURE AND FOOD

Travis Waller  
Division of Regulatory Services

State of Utah, County of Salt Lake.

On this date APR 15 2025 before me, the notary, personally appeared Travis Waller, proved on the basis of satisfactory evidence to be person, whose name is subscribed to this document, and acknowledge that he/she executed the same.

[Signature]  
Notary Public



Certificate US24/00000094

# Certificate Of Registration

## Origin Nutraceutical, Inc.

151 E. 3450 N., Suite 201 Spanish Fork, Utah, United States of America, 84660

is registered as meeting the requirements of the

**SQF Food Safety Code: Dietary Supplements Manufacturing Edition 9**

**Certified HACCP Based Food Safety Plans**

**Scope of Registration: Food Sector Categories**

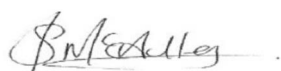
**31. Dietary Supplements Manufacturing**

**Products:**

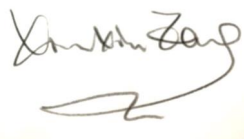
**31. dietary supplements drinks, powders (shelf-stable powders), capsules, gummies, stick packs.**

### Certificate Details

|                     |                  |                                     |                 |
|---------------------|------------------|-------------------------------------|-----------------|
| Date of Decision:   | 15 March 2025    | Date of Expiry:                     | 25 March 2026   |
| Date of Audit:      | 05 February 2025 | Date of Next Recertification Audit: | 09 January 2026 |
| Certificate Number: | 90325            | Certificate Type:                   | Recertification |



Authorised by  
Sharn McAulley  
Authorised Officer



Authorised by  
Cherrie Zeng  
Issuing Officer

SGS Australia Pty. Ltd.  
10/585 Blackburn Road Notting Hill VIC 3168  
t (61-3) 9574 3200 - [www.au.sgs.com](http://www.au.sgs.com)



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# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:*

***Contract Testing Laboratories of America***  
***151 E. 3450 N., Spanish Fork, UT 84660***

*and hereby declares that the Organization is accredited in accordance with  
the recognized International Standard:*

**ISO/IEC 17025:2017**

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

***Chemical and Biological Testing***  
***(As detailed in the supplement)***

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

*Initial Accreditation Date:*

*Issue Date:*

*Expiration Date:*

March 31, 2021

April 30, 2025

June 30, 2027

*Accreditation No.:*

*Certificate No.:*

102267

L25-334

Tracy Szerszen  
President

*The validity of this certificate is maintained through ongoing assessments based  
on a continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjlab.com](http://www.pjlab.com)*

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084





## Certificate of Accreditation: Supplement

### Contract Testing Laboratories of America

151 E. 3450 N., Spanish Fork, UT 84660

Contact Name: Brescia Eppley Phone: 385-477-4999

*Accreditation is granted to the facility to perform the following conformity assessment activities:*

| FIELD OF TEST | ITEMS, MATERIALS, OR PRODUCTS TESTED            | COMPONENT, CHARACTERISTIC, PARAMETER TESTED                 | SPECIFICATION OR STANDARD METHOD | TECHNOLOGY OR TECHNIQUE USED | FLEX CODE | LOCATION OF ACTIVITY |
|---------------|-------------------------------------------------|-------------------------------------------------------------|----------------------------------|------------------------------|-----------|----------------------|
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | Aerobic Plate Count                                         | AOAC 990.12                      | Petrifilm                    | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Escherichia Coli and Total Coliforms</i>                 | AOAC 991.14                      | Petrifilm                    | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Enterobacteriaceae</i>                                   | AOAC 2003.01                     | Petrifilm                    | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | Yeast and Mold                                              | AOAC 2014.05                     | Petrifilm                    | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Escherichia Coli and Total Coliforms</i>                 | AOAC 2018.13                     | Petrifilm                    | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | Aerobic Plate Count                                         | FDA BAM Ch. 3                    | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Escherichia Coli and Total Coliforms</i>                 | FDA BAM Ch. 4                    | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Salmonella</i>                                           | FDA BAM Ch. 5                    | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Listeria Monocytogenes</i>                               | FDA BAM Ch. 10                   | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Staphylococcus Aureus</i>                                | FDA BAM Ch. 12                   | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | Yeast and Mold                                              | FDA BAM Ch. 18                   | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | Aerobic Plate Count, Yeast and Mold                         | USP <2021>                       | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Escherichia Coli, Staphylococcus Aureus, Salmonella,</i> | USP <2022>                       | Agar Plate                   | F1, F2    | F                    |
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | Aerobic Plate Count, Total Coliform, Yeast and Mold         | USP <61>                         | Agar Plate                   | F1, F2    | F                    |



## Certificate of Accreditation: Supplement

### Contract Testing Laboratories of America

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Contact Name: Brescia Eppley Phone: 385-477-4999

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| FIELD OF TEST | ITEMS, MATERIALS, OR PRODUCTS TESTED            | COMPONENT, CHARACTERISTIC, PARAMETER TESTED                                                                                                                                                 | SPECIFICATION OR STANDARD METHOD | TECHNOLOGY OR TECHNIQUE USED | FLEX CODE | LOCATION OF ACTIVITY |
|---------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|-----------|----------------------|
| Biological    | Food, Cosmetic, Supplemental, and Nutraceutical | <i>Escherichia Coli</i> ,<br><i>Staphylococcus Aureus</i> ,<br><i>Salmonella</i>                                                                                                            | USP <62>                         | Agar Plate                   | F1, F2    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | Arsenic, Cadmium, Lead, Mercury                                                                                                                                                             | USP <233>                        | ICP-MS                       | F1, F2    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | pH                                                                                                                                                                                          | USP <791>                        | pH meter                     | F1, F2    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | Caffeine                                                                                                                                                                                    | CTLA: M061                       | HPLC                         | F1, F4    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | <b>Cannabinoids:</b><br>Total Cannabidiol (CBD)<br>Total Tetrahydrocannabinol (THC)<br>CBD<br>CBDA<br>Δ9-THC<br>THCA<br>Δ8-THC<br>THCV<br>CBDV<br>CBDVA<br>CBGA<br>CBG<br>CBN<br>CBC<br>CBL | CTLA: M052                       | HPLC                         | F1, F4    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | <b>Mineral Analysis:</b><br>Chromium (Cr)<br>Iron (Fe)<br>Magnesium (Mg)<br>Zinc (Zn)                                                                                                       | CTLA: M068                       | ICP-MS                       | F1, F4    | F                    |





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|---------------|-------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|------------------------------|-----------|----------------------|
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | <b>Mineral Analysis:</b><br>Chromium (Cr)<br>Iron (Fe)<br>Magnesium (Mg)<br>Zinc (Zn) | CTLA: M161                       | ICP-OES                      | F1, F4    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | Protein                                                                               | AOAC 992.15                      | DUMAS                        | F1, F5    | F                    |
| Chemical      | Food, Cosmetic, Supplemental, and Nutraceutical | Gluten                                                                                | AOAC RI 061201                   | ELISA                        | F1, F5    | F                    |

1. Location of activity:

**Location**

F

**Location**

Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:

F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.

F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope

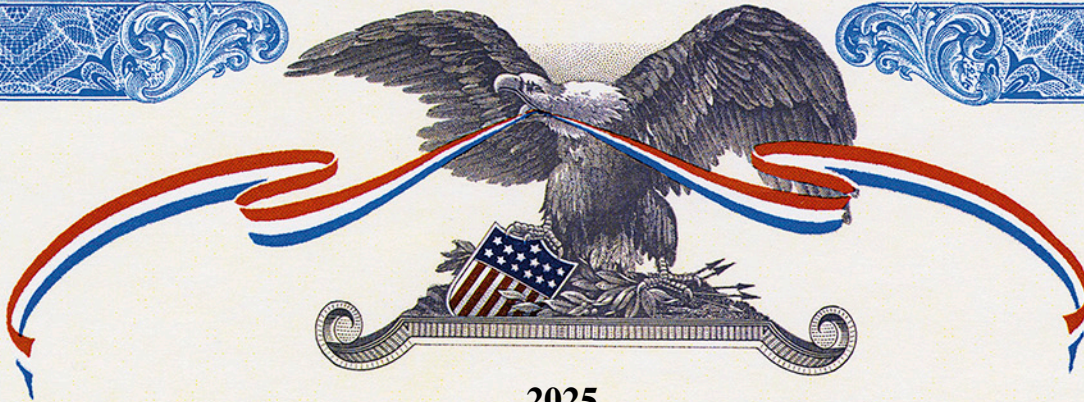
F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope

F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope

F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope

F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope





2025

## CERTIFICATE OF REGISTRATION

*This certifies that:*

**Contract Testing Laboratories Of America, LLC**  
**151 E 3450 N Ste 201**  
**Spanish Fork, UT 84660**  
**United States**

is registered with the U.S. Food and Drug Administration pursuant to the Federal Food Drug and Cosmetic Act, as amended by the Bioterrorism Act of 2002 and the FDA Food Safety Modernization Act, such registration having been verified as currently effective on the date hereof by Registrar Corp:

U.S. FDA Registration No.: **10849021016**  
U.S. FDA UFI (DUNS) No.: **117057487**  
U.S. Registration Agent: **Registrar Corp**  
144 Research Drive, Hampton, Virginia, 23666, USA  
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

*This certificate affirms that the above stated facility is registered with the U.S. Food and Drug Administration pursuant to the Federal Food Drug and Cosmetic Act, as amended by the Bioterrorism Act of 2002 and the FDA Food Safety Modernization Act, such registration having been verified as effective by Registrar Corp as of the date hereof, and Registrar Corp will confirm that such registration remains effective upon request and presentation of this certificate until December 31, 2025, unless such registration has been terminated after issuance of this certificate. Registrar Corp makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. Registrar Corp assumes no liability to any person or entity in connection with the foregoing. The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. Registrar Corp is not affiliated with the U.S. Food and Drug Administration.*

**Registrar Corp**  
144 Research Drive, Hampton, Virginia, 23666, USA  
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179  
info@registrarcorp.com • www.registrarcorp.com

A stylized blue ink signature of David Lennarz.  
**David Lennarz**  
Executive Director  
Registrar Corp  
Dated: October 22, 2024  
© Copyright 2003-2023 Registrar Corp





## Certificate of Analysis

|                          |                                          |                      |                           |
|--------------------------|------------------------------------------|----------------------|---------------------------|
| <b>CTLA ID</b>           | 156262                                   | <b>Sample Name</b>   | 31561 Thrivous L-Theanine |
| <b>Customer</b>          | Thrivous                                 | <b>Lot Number</b>    | 2532202                   |
| <b>Date Received</b>     | 12/11/2025                               | <b>Date Complete</b> | 1/12/2026                 |
| <b>Customer Address:</b> | 151 E 3450 N #201 Spanish Fork, UT 84660 |                      |                           |

| ANALYSIS                            | SPECIFICATION | RESULT | METHOD         | MDL   | UNITS |
|-------------------------------------|---------------|--------|----------------|-------|-------|
| Total Aerobic Microbial Count (USP) | Report        | <100   | USP <2021>     | 100   | cfu/g |
| Total Coliforms (BAM) (MOD)         | Report        | <10    | BAM CH.4 (MOD) | 10    | cfu/g |
| E.Coli BAM (MOD)                    | Report        | Absent | BAM CH.4 (MOD) |       |       |
| Salmonella                          | Report        | Absent | USP <2022>     |       |       |
| Staphylococcus aureus <2022>        | Report        | Absent | USP <2022>     |       |       |
| Rapid Yeast & Mold                  | Report        | <10    | AOAC 2014.05   | 10    | cfu/g |
| Arsenic                             | Report        | <0.001 | <USP 233>      | 0.001 | ppm   |
| Cadmium                             | Report        | <0.001 | <USP 233>      | 0.001 | ppm   |
| Mercury                             | Report        | <0.001 | <USP 233>      | 0.001 | ppm   |
| Lead                                | Report        | 0.003  | <USP 233>      | 0.001 | ppm   |
|                                     |               |        |                |       |       |

Amended  
report: sample  
name,  
customer

**COA Note:**

**Approved By:**

**Date:** 1/12/2026



Specifications provided by the Customer. Results with an asterisk (\*) denote Specification should be reviewed by the Customer. This Certificate of Analysis represents the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. The results are provided for the benefit of the Customer. Results using the "by input" method are calculated using information provided by the Customer. MDL = Method Detection Limit

151 E 3450 N, Ste 202  
Spanish Fork, UT 84660  
(385) 477-4999



ISO 17025 Accreditation No: 102267

# CERTIFICATE OF ANALYSIS



This product is a cylindrical hard capsule with a cap and body section. The shape, size, color and luster of the capsules should be uniform. Hypromellose (Hydroxy-propyl-methyl cellulose, HPMC) is a polymer of cellulose ethers, derived from wood cellulose fibers.

The capsules meet all established requirements of the current version of the CP.

## PRODUCT DESCRIPTION

|                     |                    |                 |                  |
|---------------------|--------------------|-----------------|------------------|
| Product Name        | HPMC Empty Capsule | Report No.      | BG20250205020-2  |
| Batch No.           | 0222501104         | Quantity        | 21,700,000pcs    |
| Manufacturing Date: | January 21, 2025   | Expiration Date | January 20, 2030 |
| BODY Color          | Transparent        | CAP Color       | Transparent      |
| BODY Printing       | /                  | CAP Printing    | /                |
| Opacitiv            | Transparent        | Product Size    | 0#               |

## Body Composition

Hypromellose qsp 100 %

## Ingredient / Reference

Hypromellose

## Cap Composition

Hypromellose qsp 100 %

## Regulatory References

CP2020

## ANALYTICAL DATA

| Characteristics             | Test Method  | Units   | Specifications                                   | Results             |
|-----------------------------|--------------|---------|--------------------------------------------------|---------------------|
| Character                   | CP 2020      |         | Conform                                          | Conform             |
| Hypromellose identification | CP 2020      |         | Conform                                          | Conform             |
| Tightness                   | CP 2020      |         | Conform                                          | Conform             |
| Friability                  | CP 2020      |         | Conform                                          | Conform             |
| Loss on drying              | CP 2020      | %       | 4-7                                              | 5.0                 |
| Ignition residue            | CP 2020      | %       | Transparent≤3.0<br>Translucent≤5.0<br>Opaque≤9.0 | 0.7                 |
| Disintegration time         | CP 2020      | min     | ≤15                                              | 10.19               |
| Heavy Metals                | CP 2020      | ppm     | ≤10                                              | [<10]               |
| Arsenic                     | CP 2020      | ppm     | ≤2                                               | [<2]                |
| Total bacteria count        | CP 1105/2020 | cfu / g | Less than 10 <sup>4</sup> 3                      | Absence in 1g [<10] |
| Total yeast and mold count  | CP 1105/2020 | cfu / g | Less than 10 <sup>4</sup> 2                      | Absence in 1g [<10] |
| E.coli                      | CP 1106/2020 | cfu / g | Negative E.coli/1g                               | Negative            |

## Physical Characteristics

Appearance - Clean empty capsules, meeting the specified requirements of color and size.

Odor - Free of disagreeable odor

|                |   |    |          |      |
|----------------|---|----|----------|------|
| Average weight | / | mg | 90 - 104 | 95.8 |
|----------------|---|----|----------|------|

According to the stage test and the control of production process, our products meets the following requirements:

|                        |              |               |                                    |
|------------------------|--------------|---------------|------------------------------------|
| Lubricant Content      | %            | Less than 0.5 | Conform                            |
| Elemental Impurities   |              |               |                                    |
| Lead                   | CP 2321/2020 | ppm           | Not more than 1                    |
| Cadmium                | CP 2321/2020 | ppm           | Not more than 1                    |
| Mercury                | CP 2321/2020 | ppm           | Not more than 0.1                  |
| Control bacteria       |              |               |                                    |
| pseudomonas aeruginosa | CP 1106/2020 | cfu / g       | Negative pseudomonas aeruginosa/1g |
| staphylococcus aureus  | CP 1106/2020 | cfu / g       | Negative staphylococcus aureus/1g  |
| salmonella             | CP 1106/2020 | cfu / g       | Negative salmonella/10g            |

## Manufacturing Processes:

No Addition of Preservatives

No Ethylene Oxide Treatment

No Irradiation Treatment

\*The results comply with the quality standards of 2020 Chinese Pharmacopoeia IV. Any deviation from the approved process, if any, have been fully evaluated and approved by authorized personnel. This batch is released.

Reporter

QC Reviewer

QA Reviewer

Shandong Healsee Capsule Ltd.

TEL: +86533-6806090 FAX: +86533-6806090

E-mail: melanie.liu@healsee.net

www.capshealsee.com

No.1111, Heda Road, Zhoucun zone, Zibo City, Shandong P.R. China

# Certificate of Analysis

## Sample Information

CTLA ID: 147693  
Date Received: 9/10/2025  
Sample Name: 10032 Capsule, HPMC, 0, Clear  
Lot Number: 64033  
Customer: Origin Nutraceutical

| Analysis                              | Method          | MDL | Specification | Result   | Units |
|---------------------------------------|-----------------|-----|---------------|----------|-------|
| <b>ID, Rapid Complete Micro Combo</b> |                 |     |               |          |       |
| ID                                    | FTIR            |     | Report        | 95.4     | %     |
| Total Aerobic Microbial Count (USP)   | USP <2021>      | 100 | Report        | <100     | cfu/g |
| Total Coliforms (BAM) (MOD)           | BAM CH. 4 (MOD) | 10  | Report        | <10      | cfu/g |
| E.Coli BAM (MOD)                      | BAM CH. 4 (MOD) |     | Report        | Absent   |       |
| <i>Salmonella</i>                     | USP <2022>      |     | Report        | Absent   |       |
| <i>Staphylococcus aureus</i> <2022>   | USP <2022>      |     | Report        | Absent   |       |
| Rapid Yeast and Mold                  | AOAC 2014.05    | 10  | Report        | <10      | cfu/g |
| <b>FTIR Spectra</b>                   | FTIR            |     | Report        | Attached |       |

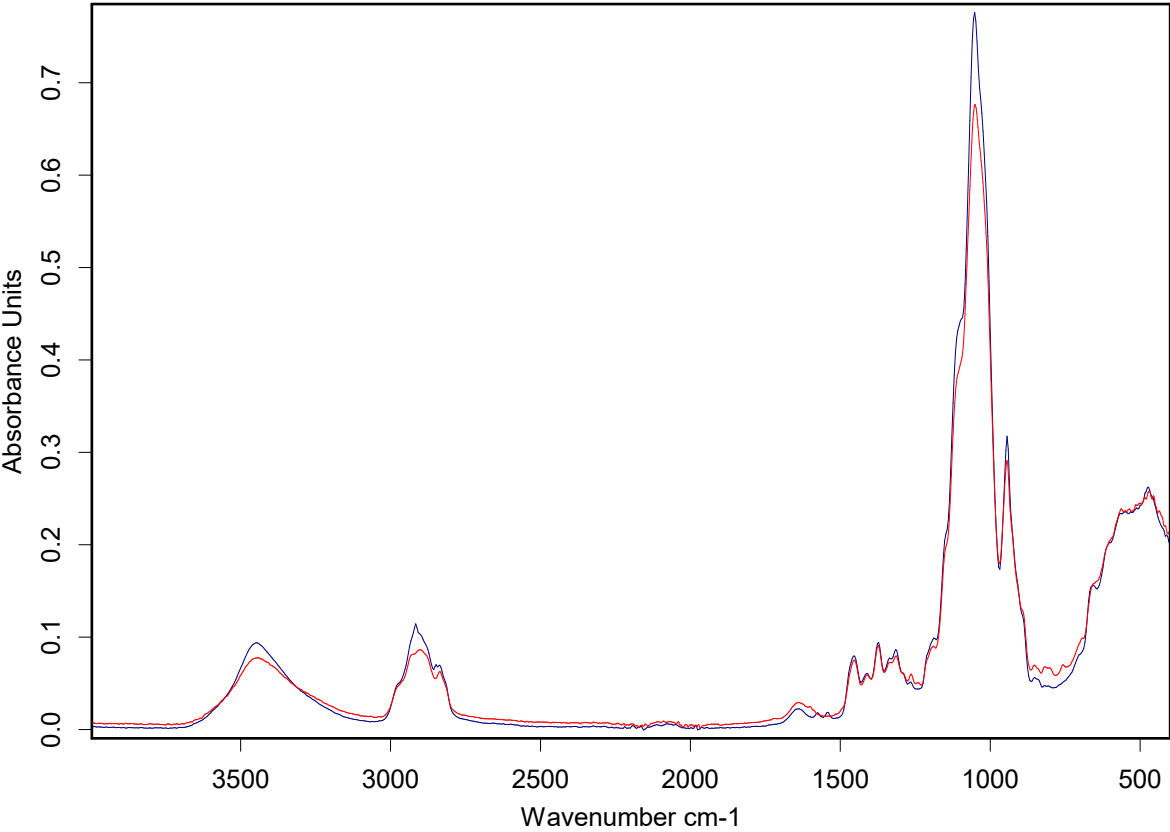
9/15/2025

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit. This document is not to be altered or reproduced except by the original authorizing body (CTLA)





|                     |                                             |
|---------------------|---------------------------------------------|
| Product Number      | 10032 CPS Capsule HPMC Clear 12156 Standard |
| Entry No.           | 1407                                        |
| Library name        | ORIGIN STANDARDS LIBRARY.S01                |
| Library description | Origin Nutraceutical                        |
| Copyright           | Origin Nutraceutical Materials Only         |
|                     |                                             |

| Color | Hit Quality | Compound name                                 | CAS Number | Molecular formula | Molecular weight |
|-------|-------------|-----------------------------------------------|------------|-------------------|------------------|
|       | 954         | 10032 CPS Capsule HPMC Clear 12156 Standard 3 |            |                   |                  |

| Color | File                                                     | Path                                                       | Spectrum Type  |
|-------|----------------------------------------------------------|------------------------------------------------------------|----------------|
|       | 147693-ON 10032 CPS Capsule HPMC 0 Clear (Kosher, Halal) | C:\Users\CTLA Admin\Documents\Bruker\OPUS_7.5.18\DATA\MEAS | Query Spectrum |

## CERTIFICATE OF ANALYSIS

**Product:** Apple Fiber - 40 Mesh  
**Lot #:** D040APFB5-40M  
**Pack Date:** April 12, 2025  
**Best By Date:** April 12, 2027  
**Species/Genus:** Malus domestica  
**Part of Plant Used:** Flesh of Fruit  
**Country of Origin:** USA

| ANALYTICAL                        | METHOD                        | RESULTS                       |
|-----------------------------------|-------------------------------|-------------------------------|
| Particle Size                     | U.S.A. Standard Testing Sieve | 98.9% Thru 40 mesh screen     |
| % Moisture                        | Moisture Analyzer             | 0.51%                         |
| Color & Appearance                | Visual                        | Light to Medium Tan, in Color |
| Water Activity (a <sub>w</sub> )  | Water Activity Meter          | 0.120                         |
| Aerobic Plate Count (cfu/gram)*** | AOAC Method 990.12            | 90 cfu/gram                   |
| Yeast (cfu/gram)***               | AOAC Method 2014.05           | 720 cfu/gram                  |
| Mold (cfu/gram)***                | AOAC Method 2014.05           | 50 cfu/gram                   |
| Coliforms (cfu/gram)***           | AOAC Method 998.08            | <10 cfu/gram                  |
| E. Coli (cfu/gram)***             | AOAC Method 998.08            | Negative                      |

\*\*\*Micro results are the highest readings from 3 separate samples.

**Packaging / Fill:** 50 Lbs./Case

**Reported By:** Lorena Roehl



Contract **TESTING** Laboratories  
OF AMERICA

# Certificate of Analysis

## Sample Information

CTLA ID: 146107  
Date Received: 8/21/2025  
Sample Name: 10008 DRM Apple Fiber  
Lot Number: 64152  
Customer: Origin Nutraceutical

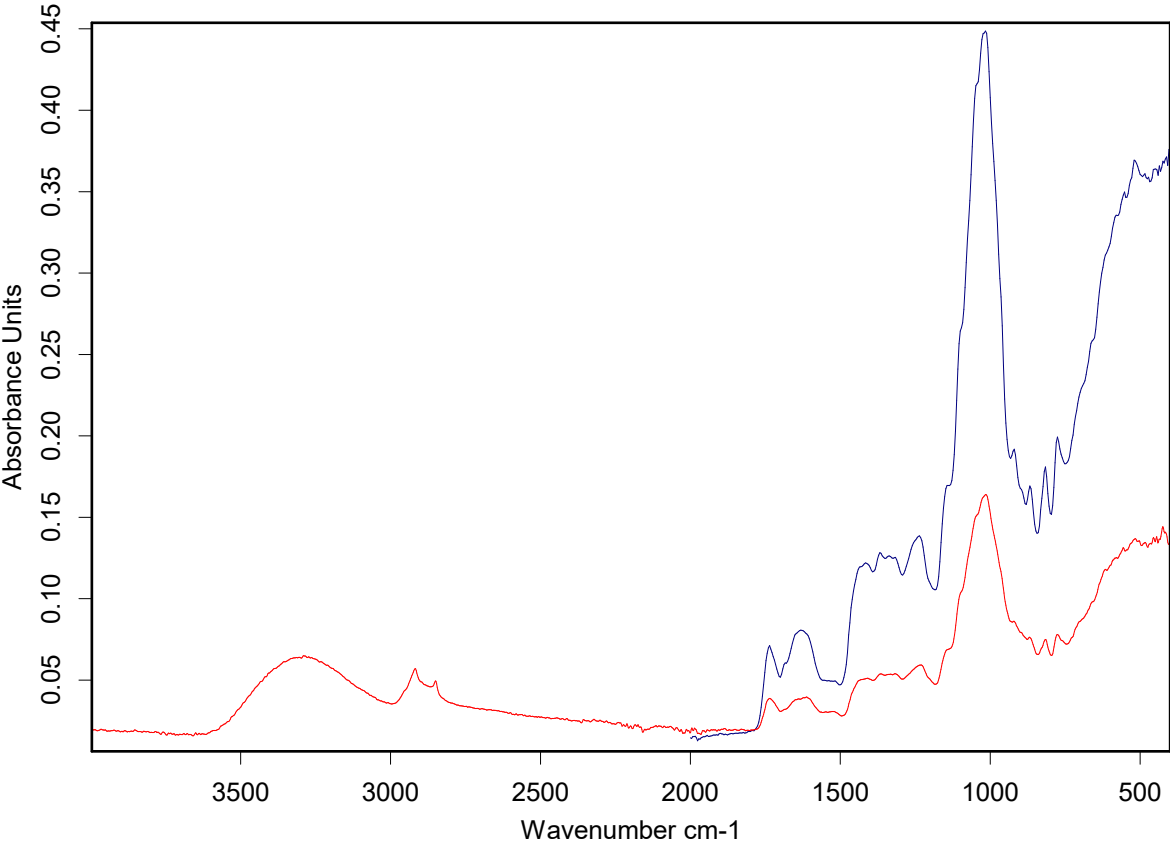
| Analysis | Method | MDL Specification | Result | Units |
|----------|--------|-------------------|--------|-------|
| ID       | FTIR   | Report            | 95.6   | %     |

8/26/2025

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit. This document is not to be altered or reproduced except by the original authorizing body (CTLA)



|                     |                             |
|---------------------|-----------------------------|
| Product Number      | 10008 Apple Fiber           |
| Entry No.           | 2                           |
| Library name        | PARAM TEST.S01              |
| Library description | Tests Params at 2000 to 400 |
| Copyright           | CTLA                        |
|                     |                             |

| Color | Hit Quality | Compound name     | CAS Number | Molecular formula | Molecular weight |
|-------|-------------|-------------------|------------|-------------------|------------------|
|       | 951         | 10008 Apple Fiber |            |                   |                  |

| Color | File                                  | Path                                                       | Spectrum Type  |
|-------|---------------------------------------|------------------------------------------------------------|----------------|
|       | 147694-ON 10008 Apple Fiber (64152).0 | C:\Users\CTLA Admin\Documents\Bruker\OPUS_7.5.18\DATA\MEAS | Query Spectrum |





SICHUAN TONGSHENG AMINO ACID CO., LTD

## Certification of Analysis

Product Name: L-Theanine

CAS#: 3081-61-6

Molecular Formula:  $C_7H_{14}N_2O_3$

Molecular Weight: 174.2

Manufacture time: 2025-04-12

Batch No.: 011099-H2025042702

Testing time: 2025-04-27

Expiry time: 2028-04-11

Specification: (Enterprise Standard)

| Item                | Standard                                                | Analysis data       | Test Method |
|---------------------|---------------------------------------------------------|---------------------|-------------|
| Description         | White to yellowish White crystals or crystalline powder | Conforms            | Visual      |
| Odor                | Characteristic odor                                     | Conforms            | Smell       |
| Solution clarity    | Clear and colorless                                     | Clear and colorless | Visual      |
| Assay               | 98.0~102.0%                                             | 99.34%              | AJI97       |
| PH                  | 4.5-6.0                                                 | 5.50                | AJI97       |
| Loss on drying      | $\leq 1.0\%$                                            | 0.20%               | AJI97       |
| Residue on ignition | $\leq 0.20\%$                                           | 0.08%               | AJI97       |
| Specific Rotation   | $+ 7.5^{\circ} - + 8.5^{\circ}$                         | $+ 7.70^{\circ}$    | AJI97       |
| Chloride            | $\leq 0.02\%$                                           | $< 0.02\%$          | AJI97       |
| Sulfate             | $\leq 0.02\%$                                           | $< 0.02\%$          | AJI97       |
| Particle size       | 90% through 80mesh                                      | Conform             | Mesh screen |
| Heavy metals        | $\leq 10\text{ppm}$                                     | $< 10\text{ppm}$    | AJI97       |
| Lead(Pb)            | $\leq 0.5\text{ppm}$                                    | $< 0.5\text{ppm}$   | ICP-MS      |
| Arsenic(As)         | $\leq 2\text{ppm}$                                      | $< 2\text{ppm}$     | ICP-MS      |
| Mercury(Hg)         | $\leq 0.1\text{ppm}$                                    | $< 0.1\text{ppm}$   | ICP-MS      |
| Cadmium             | $\leq 1\text{ppm}$                                      | $< 1\text{ppm}$     | ICP-MS      |
| Total Plate Count   | $\leq 1000\text{CFU/g}$                                 | Conforms            | USP26       |
| Yeast and Molds     | $\leq 100\text{CFU/g}$                                  | Conforms            | USP26       |
| Coliforms           | Negative                                                | Negative            | USP26       |
| Salmonella          | Negative in 25g                                         | Negative            | USP26       |
| Conclusion          | The product conforms to the standard.                   |                     |             |

Inspector: 王明芳

Manager: 肖宏林

Sheet Made on Apr 30, 2025



# Certificate of Analysis

## Sample Information

CTLA ID: 147698  
Date Received: 9/10/2025  
Sample Name: 10310 L-Theanine  
Lot Number: 64186  
Customer: Origin Nutraceutical

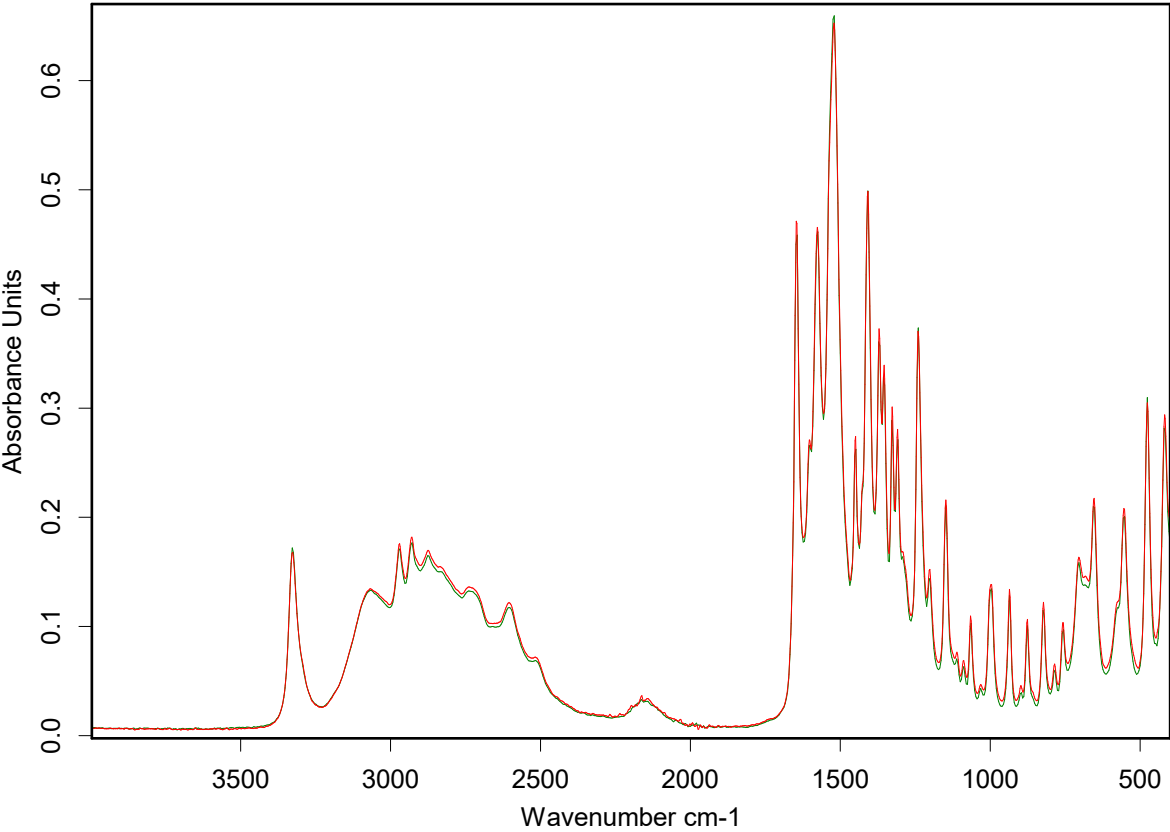
| Analysis                              | Method          | MDL | Specification | Result   | Units |
|---------------------------------------|-----------------|-----|---------------|----------|-------|
| <b>ID, Rapid Complete Micro Combo</b> |                 |     |               |          |       |
| ID                                    | FTIR            |     | Report        | 98.0     | %     |
| Total Aerobic Microbial Count (USP)   | USP <2021>      | 100 | Report        | <100     | cfu/g |
| Total Coliforms (BAM) (MOD)           | BAM CH. 4 (MOD) | 10  | Report        | <10      | cfu/g |
| E.Coli BAM (MOD)                      | BAM CH. 4 (MOD) |     | Report        | Absent   |       |
| <i>Salmonella</i>                     | USP <2022>      |     | Report        | Absent   |       |
| <i>Staphylococcus aureus</i> <2022>   | USP <2022>      |     | Report        | Absent   |       |
| Rapid Yeast and Mold                  | AOAC 2014.05    | 10  | Report        | <10      | cfu/g |
| <b>L-Theanine</b>                     | LC-DAD          |     | Report        | 99.976   | %     |
| <b>FTIR Spectra</b>                   | FTIR            |     | Report        | Attached |       |

9/19/2025

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit. This document is not to be altered or reproduced except by the original authorizing body (CTLA)



|                     |                                     |
|---------------------|-------------------------------------|
| Product Number      | 10310 L-Theanine 60756 Standard 2   |
| Entry No.           | 291                                 |
| Library name        | ORIGIN STANDARDS LIBRARY.S01        |
| Library description | Origin Nutraceutical                |
| Copyright           | Origin Nutraceutical Materials Only |
|                     |                                     |

| Color | Hit Quality | Compound name                     | CAS Number | Molecular formula | Molecular weight |
|-------|-------------|-----------------------------------|------------|-------------------|------------------|
|       | 980         | 10310 L-Theanine 60756 Standard 2 |            |                   |                  |

| Color | File                                | Path                                                       | Spectrum Type  |
|-------|-------------------------------------|------------------------------------------------------------|----------------|
|       | 14798-ON 10310 L-Theanine (64186).0 | C:\Users\CTLA Admin\Documents\Bruker\OPUS_7.5.18\DATA\MEAS | Query Spectrum |