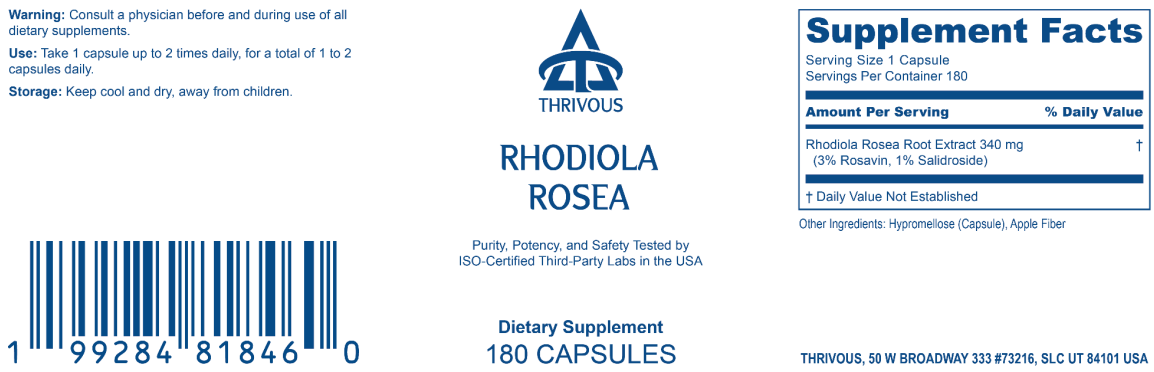
thrivous.com – support@thrivous.com – +1 801 658 9661 – 50 W Broadway 333 #73216, SLC UT 84101 USA

CERTIFICATE OF ANALYSIS AND QUALITY

Product	Rhodiola Rosea
SKU	RHODIOLA
Barcode	199284818460
Date	21 January 2026

Label



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
Rhodiola Rosea Certificate of Analysis from Supplier
Rhodiola Rosea Certificate of Analysis from Third-Party Testing

THRIVOUS
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 Rhodiola Rosea

To whom it may concern,

The undersigned, Thrivous LLC (“Thrivous”), hereby guarantees as follows regarding Rhodiola Rosea (“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. Buttars
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.

Notary Public

ALEXANDRA GALLEGOS
Notary Public - State of Utah
Comm. No. 733079
My Commission Expires on
Oct 1, 2027

4315 South 2700 West, TSOB South Building, Floor 2, Taylorsville, UT 84129-2128
Telephone 801-982-2200 * facsimile 385-465-6023 * https://ag.utah.gov

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

JAS-ANZ
WWW.JAS-ANZ.ORG/REGISTER
Z2630103AS

SQF INSTITUTE
One world. One standard.
SQF Institute is a division of FMI.

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:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
March 31, 2021	April 30, 2025	June 30, 2027

Accreditation No.:	*Certificate No.:*
102267	L25-334

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.pjlabs.com

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	*Escherichia Coli and Total Coliforms*	AOAC 991.14	Petrifilm	F1, F2	F
Biological	Food, Cosmetic, Supplemental, and Nutraceutical	*Enterobacteriaceae*	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	*Escherichia Coli and Total Coliforms*	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	*Escherichia Coli and Total Coliforms*	FDA BAM Ch. 4	Agar Plate	F1, F2	F
Biological	Food, Cosmetic, Supplemental, and Nutraceutical	*Salmonella*	FDA BAM Ch. 5	Agar Plate	F1, F2	F
Biological	Food, Cosmetic, Supplemental, and Nutraceutical	*Listeria Monocytogenes*	FDA BAM Ch. 10	Agar Plate	F1, F2	F
Biological	Food, Cosmetic, Supplemental, and Nutraceutical	*Staphylococcus Aureus*	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	*Escherichia Coli, Staphylococcus Aureus, Salmonella,*	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

151 E. 3450 N., Spanish Fork, UT 84660
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	*Escherichia Coli, Staphylococcus Aureus, Salmonella*	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	**Cannabinoids:** Total Cannabidiol (CBD) Total Tetrahydrocannabinol (THC) CBD CBDA Δ9-THC THCA Δ8-THC THCV CBDV CBDVA CBGA CBG CBN CBC CBL	CTLA: M052	HPLC	F1, F4	F
Chemical	Food, Cosmetic, Supplemental, and Nutraceutical	**Mineral Analysis:** Chromium (Cr) Iron (Fe) Magnesium (Mg) Zinc (Zn)	CTLA: M068	ICP-MS	F1, F4	F

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

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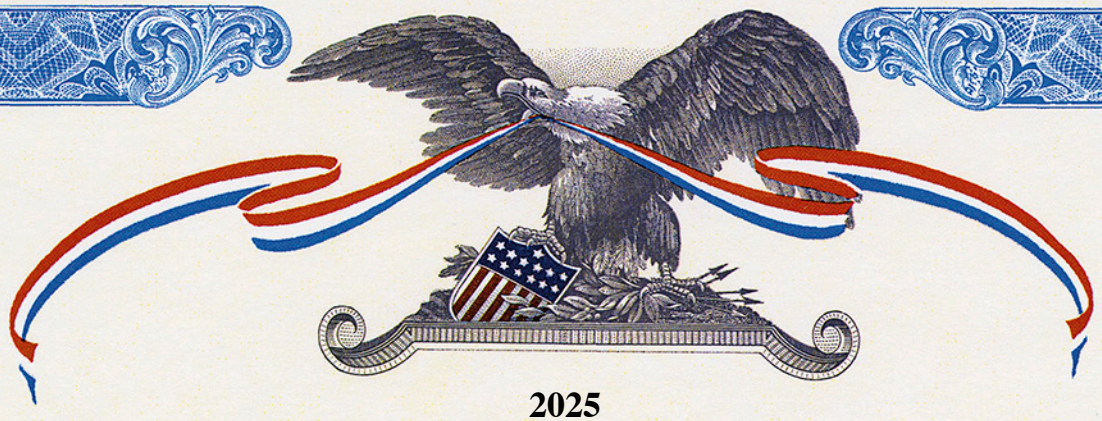
FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Food, Cosmetic, Supplemental, and Nutraceutical	**Mineral Analysis:** Chromium (Cr) Iron (Fe) Magnesium (Mg) 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	Location
F	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

David Lennarz
Executive Director
Registrar Corp
Dated: October 22, 2024

Certificate of Analysis

CTLA ID	156480	**Sample Name**	31588 Thrivous Rhodiola Rosea
Customer	Thrivous	**Lot Number**	2532903
Date Received	12/15/2025	**Date Complete**	1/12/2026
Customer Address:	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
Aresenic	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	0.023	<USP 233>	0.001	ppm

COA Note: Amended report: sample name, customer

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

17025:2017

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

ISO ACCREDITED LABORATORY

ISO 17025 Accreditation No: 102267

CERTIFICATE OF ANALYSIS

Head
Caps-Healsee

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 edition of the CP 四.

PRODUCT DESCRIPTION

HPMC Empty Capsule

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	/
Opacity	Transparent	Product Size	0#

Body Composition		Cap Composition	
Hypromellose	qsp 100 %	Hypromellose	qsp 100 %

Ingredient / Reference — **Regulatory References**
Hypromellose — 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 Translucent≤ 5.0 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 10^3Absence in 1g	[<10]
Total yeast and mold count	CP 1105/2020	cfu / g	Less than 10^2Absence 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	Conform
Cadmium	CP 2321/2020	ppm	Not more than 1	Conform
Mercury	CP 2321/2020	ppm	Not more than 0.1	Conform
Control bacteria				
pseudomonas aeruginosa	CP 1106/2020	cfu / g	Negative pseudomonas aeruginosa/1g	Conform
staphylococcus aureus	CP 1106/2020	cfu / g	Negative staphylococcus aureus/1g	Conform
salmonella	CP 1106/2020	cfu / g	Negative salmonella/10g	Conform

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 2025.02.12 — QC Reviewer 2025.02.12 — QA Reviewer 2025.02.13

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

CTLA
Contract TESTING Laboratories
OF AMERICA

Certificate of Analysis

Sample Information

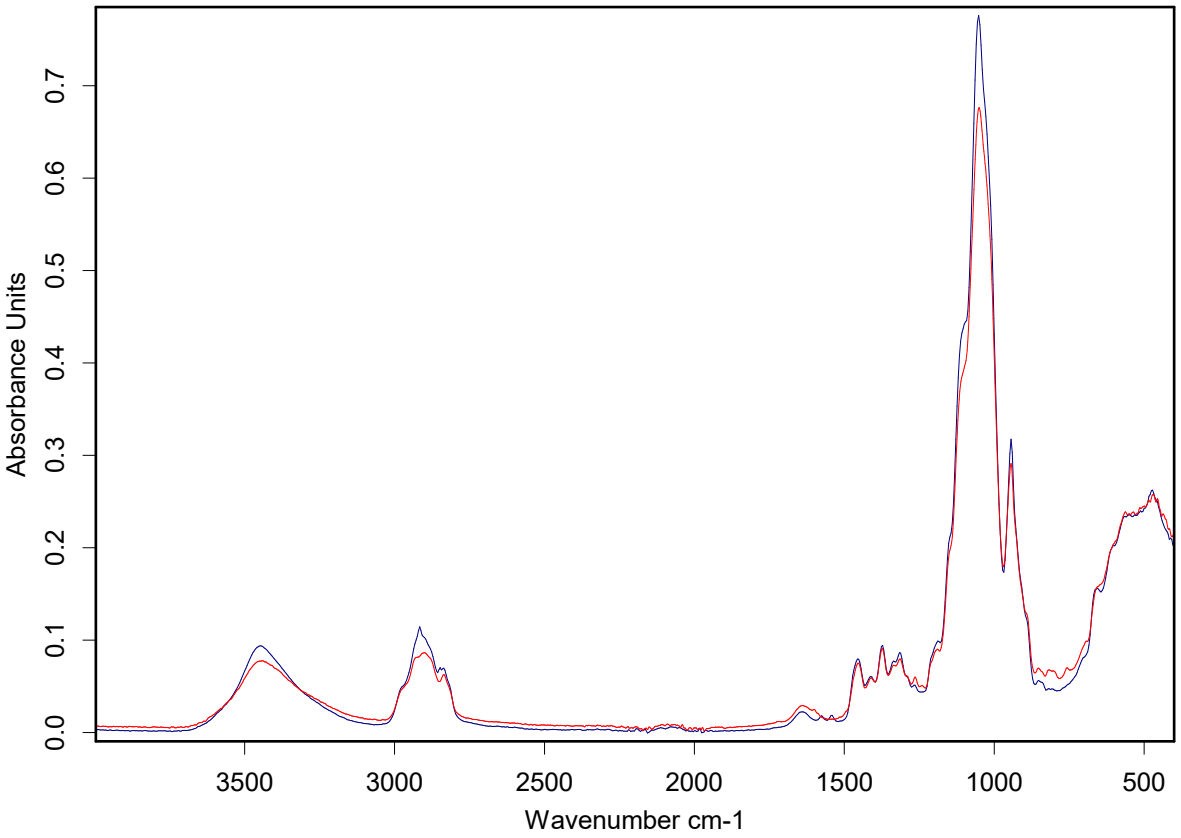
CTLA ID: 147693
Date Received: 9/10/2025
Sample Name: 10032 Capsule, HPMC, 0, Clear
Lot Number: 64033
Customer: Origin Nutraceutical

Analysis	Method	MDL	Specification	Result	Units
ID, Rapid Complete Micro Combo					
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	
Salmonella	USP <2022>		Report	Absent	
Staphylococcus aureus <2022>	USP <2022>		Report	Absent	
Rapid Yeast and Mold	AOAC 2014.05	10	Report	<10	cfu/g
FTIR Spectra	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 Capusle HMPC Clear 12156 Standa
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 Capusle HMPC Clear 12156 Standard 3			

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

FruitSmart™
Solutions. Naturally.

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_w)	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*

CTLA
Contract TESTING Laboratories
OF AMERICA

Certificate of Analysis

Sample Information

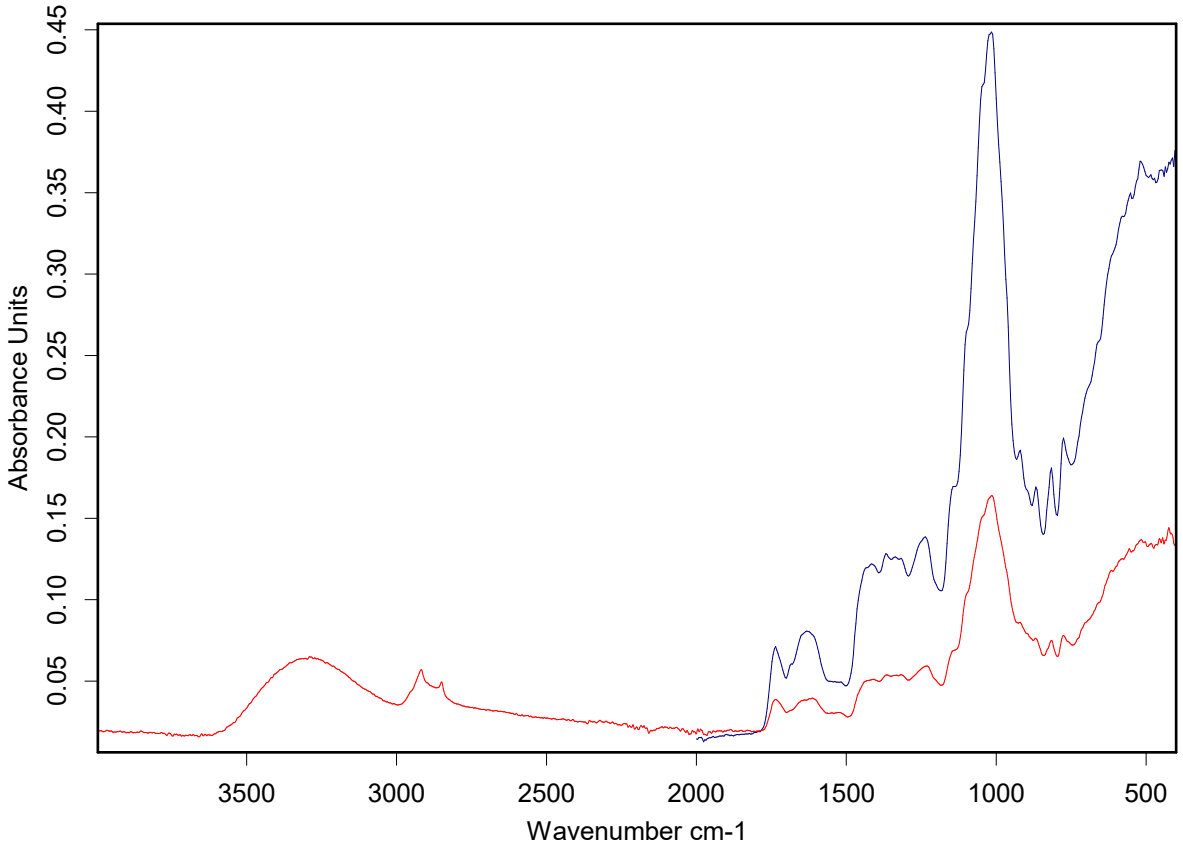
CTLA ID: 146107
Date Received: 8/21/2025
Sample Name: 10008 DRM Apple Fiber
Lot Number: 64152
Customer: Origin Nutraceutical

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

Skyherb®

Zhejiang Skyherb Biotechnology Inc.
Add: No.398 Shuangqiao Rd., Anji County, Huzhou, Zhejiang 313300, China
Tel: +86-572-5663111 Fax: +86-572-5662001
Http://www.skyherb.cn E-mail: sales@skyherb.cn

CERTIFICATE OF ANALYSIS

Product Name	Rhodiola Rosea Powder Extract	**Brand**	Skyherb®
Lot No.	202501121	**Quantity**	500kg
Mfg. Date	Jan.12 2025	**Shelf Life**	3 years
Plant Part Used	Root	**Plant Latin Name**	*Rhodiola Rosea L.*
Country of Origin	China	**Solvent**	Ethanol, Water
Characteristic	**Standards**	**Results**	**Methods**
Appearance*	Brown powder		
Bulk Density	0.25~0.45g/mL	Complied	USP 〈616〉
Particle Size	100% pass through 80 mesh	Complied	USP 〈786〉
Loss on Drying	≤5.0%	4.51%	USP 〈731〉
Acid-Insoluble Ash	≤5.0%	2.32%	USP 〈561〉
Salidroside	≥1.0%	1.05%	HPLC
Rosavins	≥3.0%	3.16%	HPLC
Heavy Metals(Pb)	≤10mg/kg	< 10mg/kg	USP 〈231〉
Lead	≤1.0mg/kg	< 0.5mg/kg	USP 〈233〉
Arsenic	≤1.0mg/kg	< 1.0mg/kg	USP 〈233〉
Mercury	≤0.1mg/kg	< 0.1mg/kg	USP 〈233〉
Solvents Residue			
Ethanol	≤5000mg/kg	Complied	GC
Microbiological Specifications			
Total Aerobic (CFU/g)	≤1000	Complied	USP 〈2021〉
Mold and Yeast (CFU/g)	≤100	Complied	USP 〈2021〉
Coliform (MPN/g)	≤0.3	Complied	AOAC 966.24
Salmonella,25g	Negative	Complied	USP 〈2022〉

Statements

Non-Irradiated, Non-GMO

***Appearance:** This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.

***Storage Condition:** Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep away from strong direct light.

***Safety Precaution:** Wearing of protective goggles or safety glasses is recommended. If accidentally instilled into the eyes, immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.

***Type Test:** Lead/Arsenic/Mercury/Salmonella those items are tested by certificated lab once a year at least.

Analyzed By: Qiang Ye **Approved By:** Honglian Shao

CTLA Contract TESTING Laboratories OF AMERICA

Certificate of Analysis

Sample Information

CTLA ID: 152929
Date Received: 11/3/2025
Sample Name: 11326 Rhodiola Rosea 3%/1%
Lot Number: 64715
Customer: Origin Nutraceutical

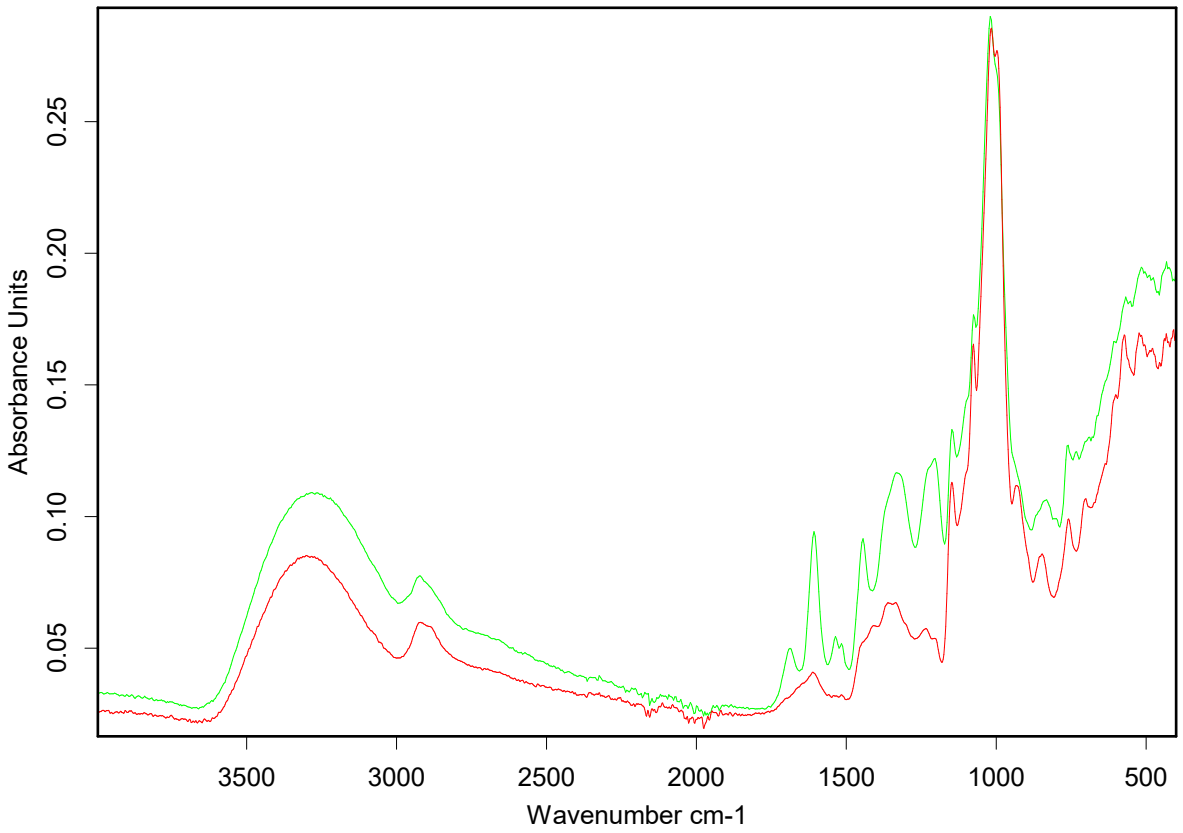
Analysis	Method	MDL	Specification	Result	Units
ID, Rapid Complete Micro Combo					
ID	FTIR		Report	84.8	%
Total Aerobic Microbial Count (USP)	USP <2021>	100	Report	100	cfu/g
Total Coliforms (BAM) (MOD)	BAM CH. 4 (MOD)	10	Report	<10	cfu/g
E.Coli BAM (MOD)	BAM CH. 4 (MOD)		Report	Absent	
Salmonella	USP <2022>		Report	Absent	
Staphylococcus aureus <2022>	USP <2022>		Report	Absent	
Rapid Yeast and Mold	AOAC 2014.05	10	Report	<10	cfu/g
Rhodiola Rosea	HPTLC		Report	Characteristic	
Salidrosides	HPLC		Report	1.077	%
Rosavins	HPLC		Report	3.038	%
FTIR Spectra	FTIR		Report	Attached	

HPTLC: Test sample is consistent with standard *Rhodiola rosea* (Roseroot).

11/17/2025
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	ON 11326 DRM Rhodiola Rosea 3% 1% (5406
Entry No.	3507
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
	848	ON 11326 DRM Rhodiola Rosea 3% 1% (54061) Standard 1			

Color	File	Path	Spectrum Type
	152929-ON 11326 Rhodiola Rosea 3% 1% (64715).2	C:\Users\CTLA Admin\Documents\Bruker\OPUS_7.5.18\DATA\MEAS	Query Spectrum