



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

CERTIFICATE OF ANALYSIS AND QUALITY

Product	Ashwagandha
SKU	ASHWAGANDHA
Barcode	199284971042
Date	21 January 2026

Label													
<p>Warning: Consult a physician before and during use of all dietary supplements.</p> <p>Use: Take 1 capsule up to 2 times daily, for a total of 1 to 2 capsules daily.</p> <p>Storage: Keep cool and dry, away from children.</p> <p>KSM-66® is a registered trademark of Ixoreal Biomed Inc.</p>	 <p>ASHWAGANDHA</p> <p>Purity, Potency, and Safety Tested by ISO-Certified Third-Party Labs in the USA</p> <p>Dietary Supplement 180 CAPSULES</p>												
 <p>1 99284 97104 2</p>	<table border="1"> <thead> <tr> <th colspan="2">Supplement Facts</th> </tr> <tr> <td colspan="2">Serving Size 1 Capsule Servings Per Container 180</td> </tr> <tr> <th>Amount Per Serving</th> <th>% Daily Value</th> </tr> </thead> <tbody> <tr> <td>Ashwagandha Root Extract 300 mg (KSM-66® 5% Withanolide)</td> <td>†</td> </tr> <tr> <td colspan="2">† Daily Value Not Established</td> </tr> <tr> <td colspan="2">Other Ingredients: Apple Fiber, Hypromellose (Capsule)</td> </tr> </tbody> </table> <p>THRIVOUS, 50 W BROADWAY 333 #73216, SLC UT 84101 USA</p>	Supplement Facts		Serving Size 1 Capsule Servings Per Container 180		Amount Per Serving	% Daily Value	Ashwagandha Root Extract 300 mg (KSM-66® 5% Withanolide)	†	† Daily Value Not Established		Other Ingredients: Apple Fiber, Hypromellose (Capsule)	
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Serving Size 1 Capsule Servings Per Container 180													
Amount Per Serving	% Daily Value												
Ashwagandha Root Extract 300 mg (KSM-66® 5% Withanolide)	†												
† Daily Value Not Established													
Other Ingredients: Apple Fiber, Hypromellose (Capsule)													

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
Ashwagandha Certificate of Analysis from Supplier
Ashwagandha 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 Ashwagandha

To whom it may concern,

The undersigned, Thrivous LLC (“Thrivous”), hereby guarantees as follows regarding Ashwagandha (“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

A handwritten signature in black ink, appearing to be 'Lincoln Cannon', written over a horizontal line.

Lincoln Cannon
CEO at Thrivous



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

Department of Agriculture and Food

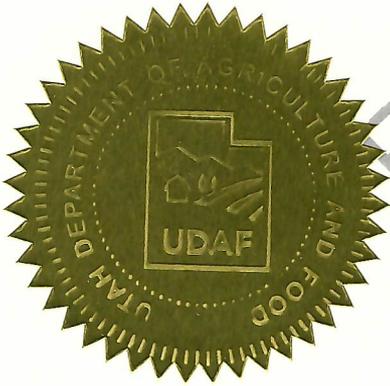
Craig W. Butters
 Commissioner
 Kelly Pehrson
 Deputy Commissioner
 Travis Waller
 Director, Regulatory Services

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

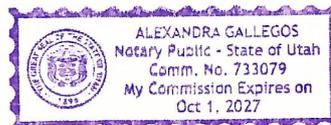
Travis Waller
 Division of Regulatory Services

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



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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*

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



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Biological	Food, Cosmetic, Supplemental, and Nutraceutical	<i>Escherichia Coli</i> , <i>Staphylococcus Aureus</i> , <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	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



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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

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.

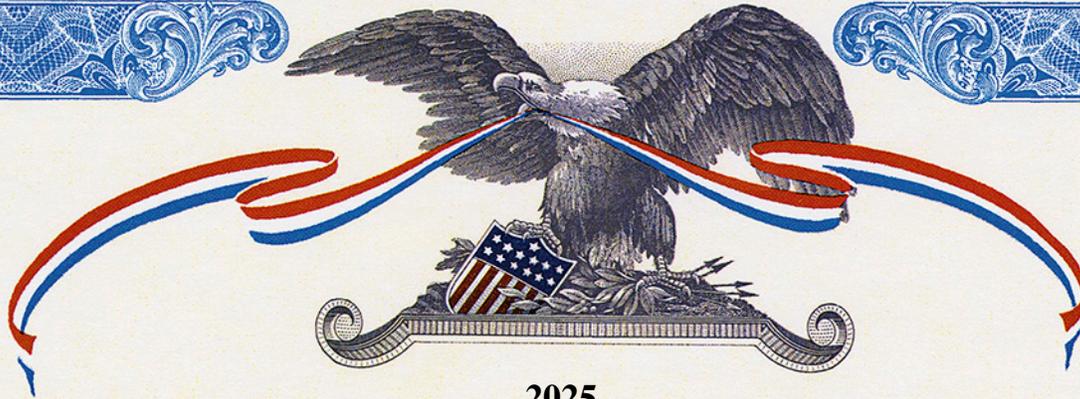
F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope

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
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info@registrarcorp.com • www.registrarcorp.com


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

CTLA ID	156570	Sample Name	31562 Thrivous Ashwagandha
Customer	Thrivous	Lot Number	2534501
Date Received	12/16/2025	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	800	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	0.042	<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

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 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	/
Opacitv	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 ⁴ 3	Absence in 1g <10
Total yeast and mold count	CP 1105/2020	cfu / g	Less than 10 ⁴ 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	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

马华

QC Reviewer

马华

QA Reviewer

马华

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
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	
<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
FTIR Spectra	FTIR	Report	Attached	

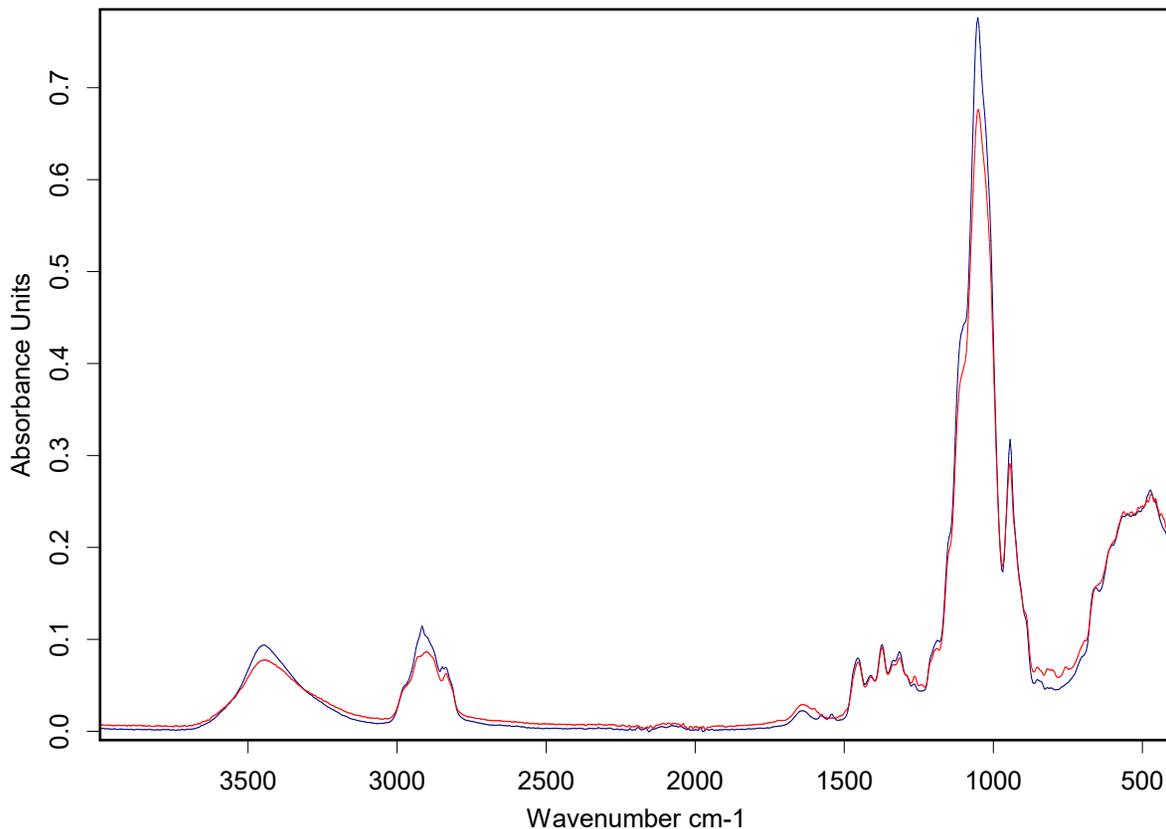
9/15/2025

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 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 _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



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	%

Lot Num
Customer

Lot Num
Customer

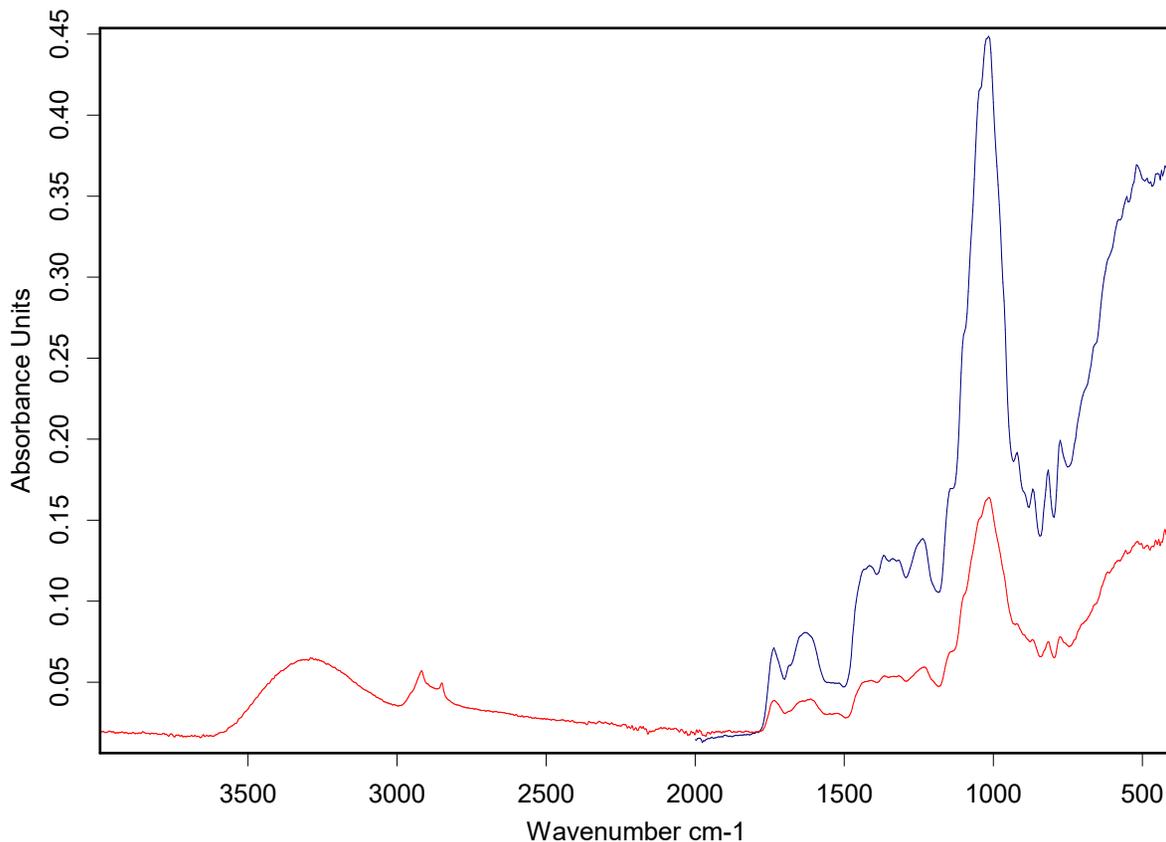
Lot Num
Customer

8/26/2025

DATE

Quality Manager

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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



DEPARTMENT OF QUALITY CONTROL

CERTIFICATE OF ANALYSIS				
Product Name: KSM-66 Ashwagandha Root Extract Vegan. (<i>Withania Somnifera</i>)			Stability: 3 Years from the date of manufacture. Country of Origin: India	
Mfg Name: Shri Kartikeya Pharma			Address: Plot No:S-18, TSIIIC Ltd ,Polepally (V) Jadcherla (M) Mahaboobnagar. District 509302	
Issued To: Origin Nutraceutical, Inc				
Batch No. KSM/VG/25/SII/S1271 Mfg Date: JULY-2025 Exp Date: JUNE-2028			Report No. SKP/SII/S1271 AR.No.KSMVG25SIIS1271	
S.No.	Tests	Result	Limits (specification)	Method
1	Description	Light yellowish brown, slightly Hygroscopic powder.	Light yellowish brown, slightly Hygroscopic powder.	In-House
2	Plant Part Used	Roots	Roots	---
3	Identification			
	By HPTLC	Complies	Should comply with the standard Reference sample.	USP<203>
	By HPLC	Complies	Should comply with the standard Reference sample.	In-House
4	Physico-chemical analysis			
	Water Content (% w/w)	3.20%	< 5.0	USP <921>
	Sulfated Ash (% w/w)	5.42%	< 8.0	USP <561>
	Acid insoluble ash(%w/w)	2.22%	< 5.0	USP <561>
	pH of 5% w/v solution	4.19	4.0-6.0	USP <791>
5	Sieve Analysis			
	Passing through 40 mesh Sieve	100 %	>95% (w/w)	USP <786>
	Passing through 80 mesh Sieve	97 %	>80% (w/w)	USP <786>
6	Density			
	Bulk density (g/cc)	0.57 g/cc	0.2-0.6	USP <616>
	Tapped bulk density (g/cc)	0.78 g/cc	0.4-0.8	USP <616>
7	Heavy Metals			
	Lead	<0.1 ppm	<0.5 ppm	ICP-MS> USP <730>
	Cadmium	<0.1 ppm	<0.5 ppm	
	Arsenic	<0.1 ppm	<0.5 ppm	
	Mercury	<0.05 ppm	<0.1 ppm	
8	Microbial Enumeration test			
	Total aerobic microbial count	<10 ⁴ cfu/g	<10 ⁴ cfu/g	USP<2021>
	Total combined molds and yeasts count	<10 ³ cfu/g	<10 ³ cfu/g	USP<2021>
	Enterobacterial count (Bile-Tolerant Gram-Negative Bacteria)	<10 ² cfu/g	<10 ² cfu/g	USP<2021>
9	Test for absence of specified Microorganisms			
	Escherichia coli (10g)	Absent	Absent	USP<2022>
	Salmonella species. (10g)	Absent	Absent	USP<2022>
	Staphylococcus. Aureus (1g)	Absent	Absent	USP<2022>
10	Aflatoxins (B₁, B₂,G₁,G₂)		< 5 ppb	AOAC
11	Pesticides residue analysis			
	Organochlorine pesticides	Complies	As per the limit listed in USP<561>	USP 40<561>
	Organophosphorous pesticides			

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	Organosulphur pesticides	Complies	As per the limit listed in USP<561>	USP 40 <561>
12	Withanolides by HPLC			
	Content of Withanolides (%w/w)	5.33%	≥ 5.0%	In-House
	(withaferin A) by HPLC (%w/w)	0.03 %	≤0.1%	In-House

Remarks: The product complies with the above specifications.

LOQ- Limit of Quantification (Pb-0.05 ppm, Cd-0.01 ppm, As-0.05 ppm & Hg-0.01 ppm)

Packaging and Storage: Preserve in well-closed containers, protected from light and moisture, and store at controlled room temperature.



QC Analyst



QC Manager

Certificate of Analysis

Sample Information

CTLA ID: 147705
 Date Received: 9/10/2025
 Sample Name: 11087 KSM-66 Ashwagandha
 Lot Number: 64291
 Customer: Origin Nutraceutical

Analysis	Method	MDL Specification	Result	Units
ID, Rapid Complete Micro Combo				
ID	FTIR	Report	96.3	%
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
HPTLC	HPTLC	Withania somnifera	Characteristic	
Total Withanolides (Ashwagandha)	HPLC	Report	0.114	%
FTIR Spectra	FTIR	Report		

HPTLC: Test sample is consistent with standard *Withania somnifera* (Ashwagandha) root.

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)



QALITEX

Certificate of Analysis

Product: KSM-66 Ashwagandha

Certificate No.: P9147817 Version 2

Lot No: 64291

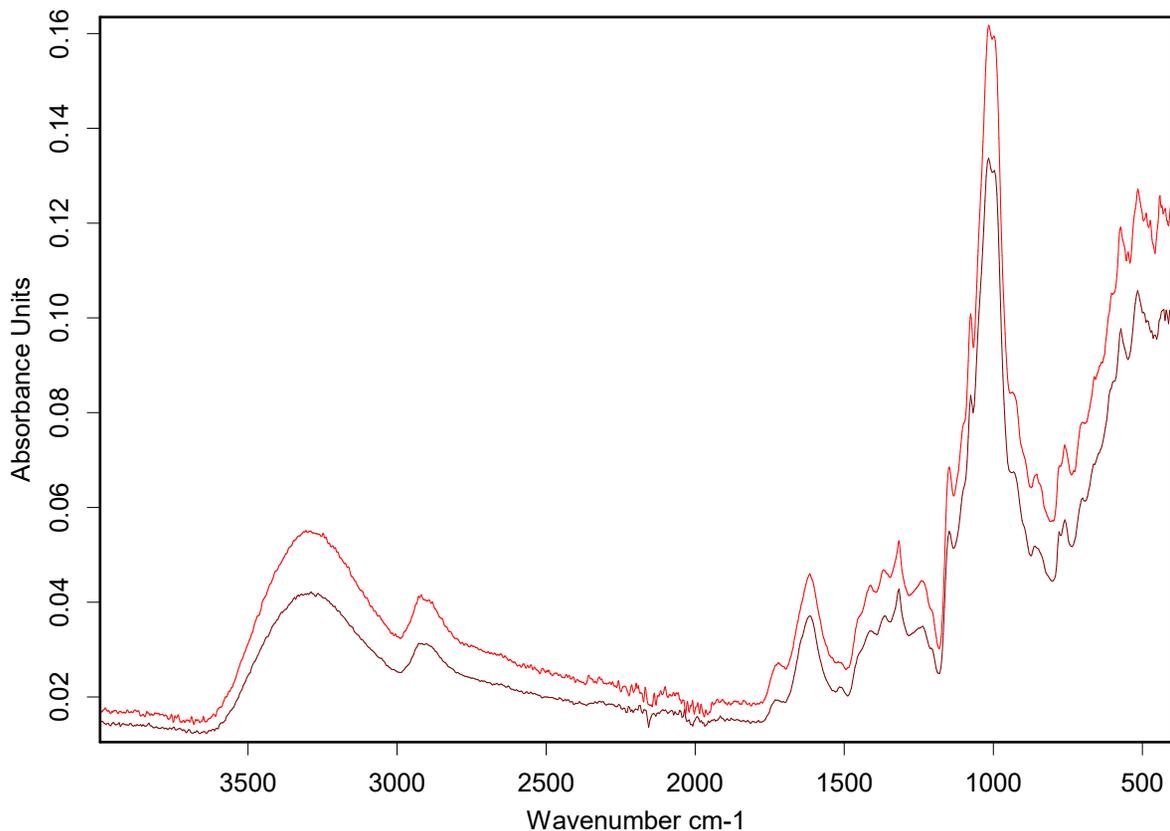
Issued for: Origin Nutraceutical

Test / Date / Method	Specification	Results
Total Withanolides 2025-11-21 HPLC	Report	5.18%

Issuance Date: 2025-11-21

Approved By:
N. Abochama, M. Sc.
QA Director

Requisition: 113R891 Received On 2025-11-17 Code No: N/A For Origin Nutraceutical, 151 E 3450 N, Spanish Fork, 84660, Tel:801-607-2436
Fax: .



Product Number	ON 11087 KSM-66 Ashwagandha (KSM-VG-23-5037) Standard 1
Entry No.	3156
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
	967	ON 11087 KSM-66 Ashwagandha (KSM-VG-23-5037) Standard 1			

Color	File	Path	Spectrum Type
	146833-ON 11087 DRM KSM-66 Ashwagandha (64291).0	C:\Users\CTLA Admin\Documents\Bruker\OPUS_7.5.18\DATA\MEAS	Query Spectrum