Certificate of Analysis

Sample Information				Report Issued To:
Sample Name:	Lion's Mane mycelium	CoA #:	26-027	EOS Corporation Ltd. Overtoom 520-3 1054 KL Amsterdam, NL
Sampling Plan Used:	Customer Provided Sample	Batch/Lot Number:	2026-27	
Received On:	01/15/2026	Report Date:	01/29/2026	
Sample Desc.:	Fine Brown Powder			

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail	Date Tested
Erinacine A	LAB TM-128	UPLC	Report Only	0.498%	Pass	01/28/2026
Erinacine A	LAB TM-128	UPLC	Report Only	4.478 mg / 900mg Serving	Pass	01/28/2026
Erinacine A	LAB TM-128	UPLC	Report Only	1.74 mg/Capsule	Pass	01/28/2026

Results only apply to the sample as tested
[1] Method performed by an outsourced lab.
[2] This laboratory is not accredited for the tests marked

Final Approval

Chris Helterbran, Lab Manager

PJLA Testing
Accreditation #113861

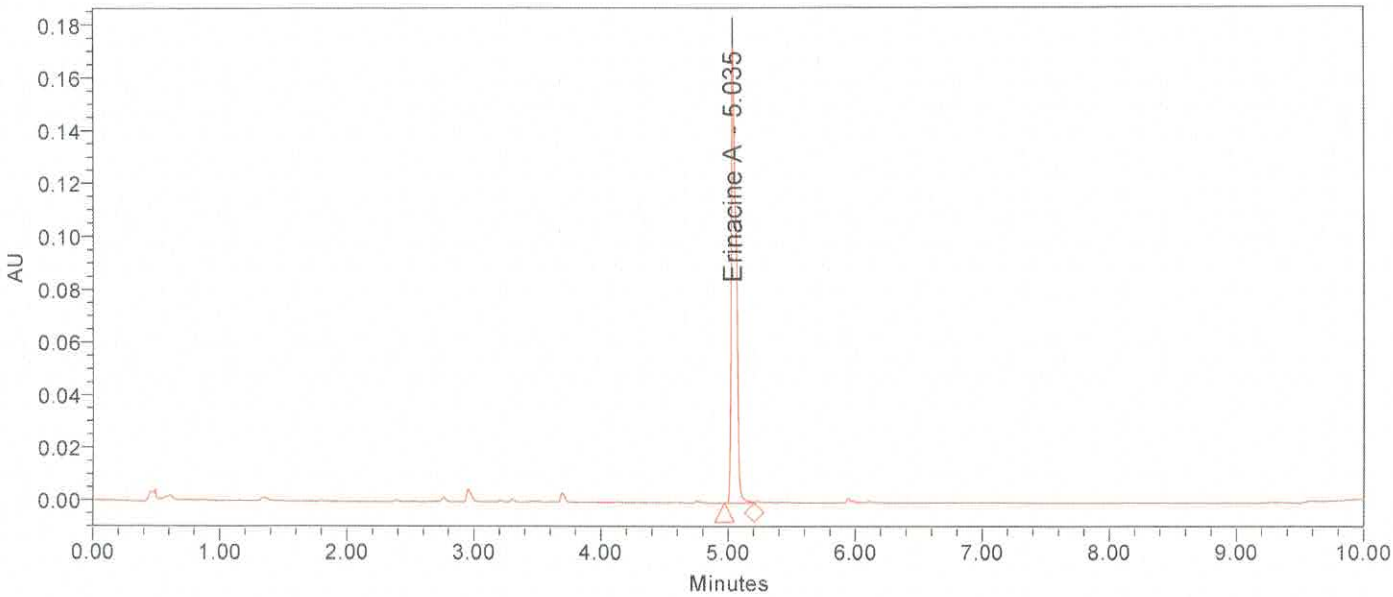
Empower 3 SOFTWARE

LAB TM 128 Erinacine A_M

SAMPLE INFORMATION

Sample Name:	MM-598 Lion's Mane Mycelium #2026-27 P1		
Sample Type:	Unknown	Acquired By:	WChristmas
Vial:	1:A,4	Sample Set Name:	Erinacine A 012826
Injection #:	1	Acq. Method Set:	LAB TM_128 Erinacine A
Injection Volume:	1.00 ul	Processing Method:	Erinacine A_v1
Run Time:	10.0 Minutes	Channel Name:	PDA Ch1 344nm@4.8nm
Sample Weight (mg)	1001.90	Proc. Chnl. Descr.:	PDA Ch1 344nm@4.8nm
Dilution Factor:	50.0	Cap/Tab Weight (mg/cp or tb)	349.760
Date Acquired:	1/28/2026 3:42:45 PM MST		
Date Processed:	1/29/2026 7:58:36 AM MST		

Auto-Scaled Chromatogram



MM-598 Lion's Mane Mycelium #2026-27 P1

Results Summary

	Sample Name	Concentration	Specification	Units	Pass/Fail
1	MM-598 Lion's Mane Mycelium #2026-27 P1	0.494	0.000	%	PASS
2	MM-598 Lion's Mane Mycelium #2026-27 P2	0.501	0.000	%	PASS
Mean		0.498			

Peak Results and System Suitability

	Label	Name	Retention Time (min)	Area	Concentration	Unit	USP S/N	USP Tailing	S/N Pass/Fail	Tf Pass/Fail
1	A1_1	Erinacine A	5.035	442285	0.494	%	415.8	1.73	PASS	PASS
2	A1_2	Erinacine A	5.037	448999	0.501	%	428.4	1.73	PASS	PASS

Erinacine A STD ChromaDex Lot: 00005192-16D

Wesley M. Christmas
08T-025
1/29/26

Chris Pagnat
01/29/26

Reported by User: Wesley M. Christmas (WChristmas)
Report Method: LAB TM 128 Erinacine A_M
Report Method ID: 10541
Page: 1 of 1 eCord S/N: 04583330415176

Project Name: Quality Control\2026
Date Printed: 1/29/2026
8:04:52 AM US/Arizona
UPLC003_PDA

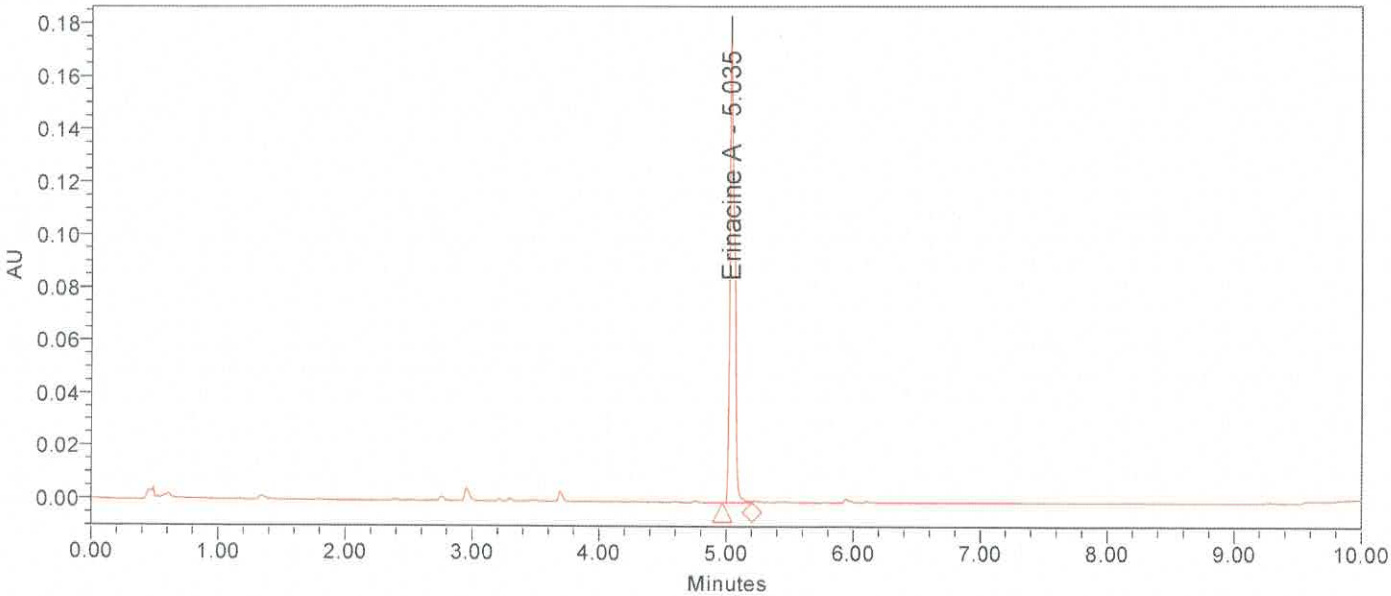
Empower 3 SOFTWARE

LAB TM 128 Erinacine A_MC

SAMPLE INFORMATION

Sample Name:	MM-598 Lion's Mane Mycelium #2026-27 P1		
Sample Type:	Unknown	Acquired By:	WChristmas
Vial:	1:A,4	Sample Set Name:	Erinacine A 012826
Injection #:	1	Acq. Method Set:	LAB TM_128 Erinacine A
Injection Volume:	1.00 ul	Processing Method:	Erinacine A_v1
Run Time:	10.0 Minutes	Channel Name:	PDA Ch1 344nm@4.8nm
Sample Weight (mg)	1001.90	Proc. Chnl. Descr.:	PDA Ch1 344nm@4.8nm
Dilution Factor:	50.0	Cap/Tab Weight (mg/cp or tb)	900.000
Date Acquired:	1/28/2026 3:42:45 PM MST		
Date Processed:	1/29/2026 8:08:56 AM MST		

Auto-Scaled Chromatogram



MM-598 Lion's Mane Mycelium #2026-27 P1

Results Summary

	Sample Name	Concentration	Specification	Units	Pass/Fail
1	MM-598 Lion's Mane Mycelium #2026-27 P1	4.445	0.000	mg/900mg	PASS
2	MM-598 Lion's Mane Mycelium #2026-27 P2	4.511	0.000	mg/900mg	PASS
Mean		4.478			

Peak Results and System Suitability

	Label	Name	Retention Time (min)	Area	USP S/N	USP Tailing	S/N Pass/Fail	Tf Pass/Fail
1	A1_1	Erinacine A	5.035	442285	415.8	1.73	PASS	PASS
2	A1_2	Erinacine A	5.037	448999	428.4	1.73	PASS	PASS

Erinacine A STD ChromaDex Lot: 00005192-16D

Wesley M. Christmas
087-025
1/29/26

Chris Pugsley
01/29/26

Reported by User: Wesley M. Christmas (WChristmas)
Report Method: LAB TM 128 Erinacine A_M
Report Method ID: 10544
Page: 1 of 1 eCord S/N: 04583330415176

Project Name: Quality Control\2026
Date Reported: 1/29/2026
8:09:22 AM US/Arizona
UPLC003_PDA

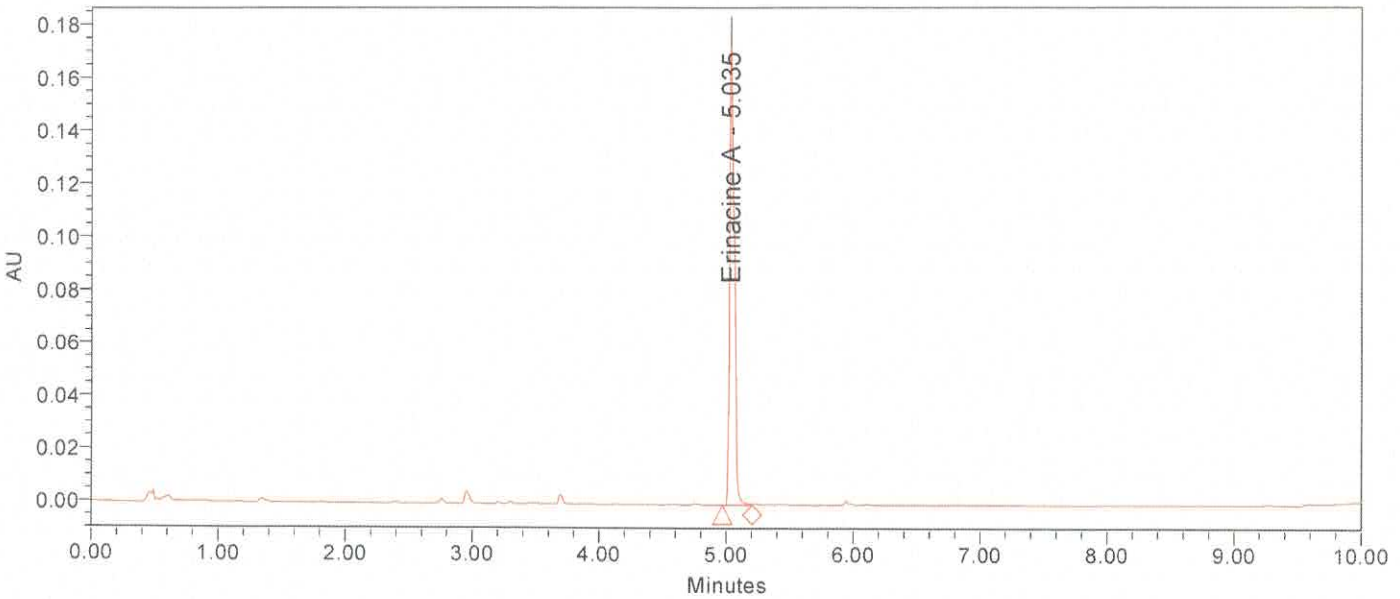
Empower 3 SOFTWARE

LAB TM 128 Erinacine A_MC

SAMPLE INFORMATION

Sample Name:	MM-598 Lion's Mane Mycelium #2026-27 P1		
Sample Type:	Unknown	Acquired By:	WChristmas
Vial:	1:A,4	Sample Set Name:	Erinacine A 012826
Injection #:	1	Acq. Method Set:	LAB TM_128 Erinacine A
Injection Volume:	1.00 ul	Processing Method:	Erinacine A_v1
Run Time:	10.0 Minutes	Channel Name:	PDA Ch1 344nm@4.8nm
Sample Weight (mg)	1001.90	Proc. Chnl. Descr.:	PDA Ch1 344nm@4.8nm
Dilution Factor:	50.0	Cap/Tab Weight (mg/cp or tb)	349.760
Date Acquired:	1/28/2026 3:42:45 PM MST		
Date Processed:	1/29/2026 8:06:19 AM MST		

Auto-Scaled Chromatogram



MM-598 Lion's Mane Mycelium #2026-27 P1

Results Summary

	Sample Name	Concentration	Specification	Units	Pass/Fail
1	MM-598 Lion's Mane Mycelium #2026-27 P1	1.727	0.000	mg/cp	PASS
2	MM-598 Lion's Mane Mycelium #2026-27 P2	1.753	0.000	mg/cp	PASS
Mean		1.740			

Peak Results and System Suitability

	Label	Name	Retention Time (min)	Area	USP S/N	USP Tailing	S/N Pass/Fail	Tf Pass/Fail
1	A1_1	Erinacine A	5.035	442285	415.8	1.73	PASS	PASS
2	A1_2	Erinacine A	5.037	448999	428.4	1.73	PASS	PASS

Erinacine A STD ChromaDex Lot: 00005192-16D

Wesley M Christmas
087-025
1/29/26

Chris Pepsid
01/29/26

Reported by User: Wesley M. Christmas (WChristmas)
Report Method: LAB TM 128 Erinacine A_M
Report Method ID: 10544
Page: 1 of 1 eCord S/N: 04583330415176

Project Name: Quality Control\2026
Date Reported: 1/29/2026
8:06:45 AM US/Arizona
UPLC003_PDA

eurofins | Food Integrity & Innovation

Report Number:	**5533679-0**
Report Date:	**23-Sep-2026**
Report Status:	**Final**

Certificate of Analysis

Oriveda
345 Nathan Road, 10/F
rms 1001-1003
Kowloon Yau Tsim Mong 00000 Hong Kong

Sample Name:	**LIONS MANE NGF**	**Eurofins Sample:**	**16976368**
Project ID	ORIVEDA-20260909-0001	**Receipt Date**	14-Sep-2026
PO Number	MADISON 2026-27B	**Receipt Condition**	Ambient temperature
Lot Number	2026-27B	**Login Date**	09-Sep-2026
Sample Serving Size	900 mg	**Date Started**	15-Sep-2026
Description	powdered mushroom extract in capsules	**Sampled**	Sample results apply as received
		Online Order	901-2026-E084800

Analysis	Result
Beta Glucan	
Beta Glucan	0.0823 g/Serving Size
Total Polyphenols	
Total Polyphenols (Gallic Acid Equivalents)	35.56 mg/Serving Size

Method References	Testing Location
Beta Glucan (MISCYBGL_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Megazyme Kit K-YBGL	
Total Polyphenols (TOTP_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA

Method Reference: Abelson, J. N, M. I. Simon, and H. Sies. "Oxidants and Antioxidants Part A." Methods of Enzymology. 299:152-178 (1999). (modified).

Testing Location(s)	Authorized on Behalf of Eurofins by
Food Integrity Innovation-Madison	**Edward Ladwig - President Eurofins Food Chemistry Testing Madison**

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

eurofins | ARL

Certificate of Analysis

Oriveda Pty Ltd
5 Todd St
Spearwood
WA 6163

NATA Accredited
Accreditation Number 2377
Site Number 2370 & 2554

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Marra**

Report **1410546-S**
Project name ORIVEDA PRODUCT SAFETY
Project ID ORIVEDA PRODUCT SAFETY
Received Date Sep 21, 2026

Client Sample ID			**LION'S MANE NGF 2026-27B**
Sample Matrix			**Solid**
Eurofins Sample No.			**L26-Se0067292**
Date Sampled			**Sep 15, 2026**
Test/Reference	LOR	Unit	
Organochlorine Pesticides			
Chlordanes - Total	0.1	mg/kg	M15< 0.2
4.4'-DDD	0.05	mg/kg	M15< 0.1
4.4'-DDE	0.05	mg/kg	M15< 0.1
4.4'-DDT	0.05	mg/kg	M15< 0.1
a-HCH	0.05	mg/kg	M15< 0.1
Aldrin	0.05	mg/kg	M15< 0.1
b-HCH	0.05	mg/kg	M15< 0.1
d-HCH	0.05	mg/kg	M15< 0.1
Dieldrin	0.05	mg/kg	M15< 0.1
Endosulfan I	0.05	mg/kg	M15< 0.1
Endosulfan II	0.05	mg/kg	M15< 0.1
Endosulfan sulphate	0.05	mg/kg	M15< 0.1
Endrin	0.05	mg/kg	M15< 0.1
Endrin aldehyde	0.05	mg/kg	M15< 0.1
Endrin ketone	0.05	mg/kg	M15< 0.1
g-HCH (Lindane)	0.05	mg/kg	M15< 0.1
Heptachlor	0.05	mg/kg	M15< 0.1
Heptachlor epoxide	0.05	mg/kg	M15< 0.1
Hexachlorobenzene	0.05	mg/kg	M15< 0.1
Methoxychlor	0.05	mg/kg	M15< 0.1
Toxaphene	0.5	mg/kg	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.1
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.1
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.2
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.2
Dibutylchlorendate (surr.)	1	%	133
Tetrachloro-m-xylene (surr.)	1	%	117
Organophosphorus Pesticides			
Azinphos-methyl	0.2	mg/kg	< 0.4
Bolstar	0.2	mg/kg	< 0.4
Chlorfenvinphos	0.2	mg/kg	< 0.4
Chlorpyrifos	0.2	mg/kg	< 0.4
Chlorpyrifos-methyl	0.2	mg/kg	< 0.4
Coumaphos	2	mg/kg	< 4
Demeton-S	0.2	mg/kg	< 0.4

Client Sample ID			LION'S MANE NGF 2026-27B
Sample Matrix			**Solid**
Eurofins Sample No.			**L26-Se0067292**
Date Sampled			**Sep 15, 2026**
Test/Reference	LOR	Unit	
Organophosphorus Pesticides			
Demeton-O	0.2	mg/kg	< 0.4
Diazinon	0.2	mg/kg	< 0.4
Dichlorvos	0.2	mg/kg	< 0.4
Dimethoate	0.2	mg/kg	< 0.4
Disulfoton	0.2	mg/kg	< 0.4
EPN	0.2	mg/kg	< 0.4
Ethion	0.2	mg/kg	< 0.4
Ethoprop	0.2	mg/kg	< 0.4
Ethyl parathion	0.2	mg/kg	< 0.4
Fenitrothion	0.2	mg/kg	< 0.4
Fensulfothion	0.2	mg/kg	< 0.4
Fenthion	0.2	mg/kg	< 0.4
Malathion	0.2	mg/kg	< 0.4
Merphos	0.2	mg/kg	< 0.4
Methyl parathion	0.2	mg/kg	< 0.4
Mevinphos	0.2	mg/kg	< 0.4
Monocrotophos	2	mg/kg	< 4
Naled	0.2	mg/kg	< 0.4
Omethoate	2	mg/kg	< 4
Phorate	0.2	mg/kg	< 0.4
Pirimiphos-methyl	0.2	mg/kg	< 0.4
Pyrazophos	0.2	mg/kg	< 0.4
Ronnel	0.2	mg/kg	< 0.4
Terbufos	0.2	mg/kg	< 0.4
Tetrachlorvinphos	0.2	mg/kg	< 0.4
Tokuthion	0.2	mg/kg	< 0.4
Trichloronate	0.2	mg/kg	< 0.4
Triphenylphosphate (surr.)	1	%	119
Metals M8			
Arsenic	2	mg/kg	< 2
Cadmium	0.1	mg/kg	< 0.1
Chromium	1	mg/kg	< 1
Copper	1	mg/kg	10
Lead	1	mg/kg	< 1
Mercury	0.02	mg/kg	< 0.02
Nickel	1	mg/kg	1.7
Zinc	5	mg/kg	28
% Moisture	1	%	2.2

H E A V Y M E T A L S

What are safe levels?**

Here are the **levels per serving** considered safe by the United States Pharmacopeia (USP)

Arsenic:	(2 mcg / gram)*
Cadmium:	(0.5 mcg / gram)*
Lead:	(5 mcg / gram)*
Mercury:	(1 mcg / gram)*

• • •

* 'microgram *(mcg)* / gram' = 'milligram *(mg)* / kg'

** There is a great variation in what are considered safe levels of heavy metals in food, worldwide.

Ideally they should take into account both the intake and the body weight of a person.

More information: https://is.gd/TLg3ha

Below are the official EU and World Health Organisation / Joint Expert Committee on Food Additives (WHO / JECFA) guidelines.

Arsenic:	(Adult, 70 kgs: 150 mcg = daily limit)
Cadmium:	(Adult, 70 kgs: 70 mcg daily = daily limit)
Lead:	(Adult, 70 kgs: 250 mcg daily = daily limit)
Mercury:	(Adult, 70 kgs: 16 mcg daily = daily limit)