

Certificate of Analysis

Oriveda BV

Sample Name:	#6 Lions Mane MYCELIUM Extract - L+ AE (Hericium Erinaceus)	Eurofins Sample:	9471703
Project ID	ORIVED_HAR-20200427-0001	Receipt Date	27-Apr-2020
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	2020	Login Date	27-Apr-2020
Sample Serving Size		Date Started	30-Apr-2020
		Sampled	Sample results apply as received

Analysis	Result
9471729/1->RERUN	
Beta Glucan	5.84 %
Total Polyphenols	
Total Polyphenols (Gallic Acid Equivalents)	24.4 mg/g

Method References	Testing Location
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9471729/1->RERUN (MISC_YBGL)	Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA
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Megazyme Kit K-YBGL

Total Polyphenols (TOTP_S)	Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA
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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)	Released on Behalf of Eurofins by
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Food Integrity Innovation-Madison	Edward Ladwig - Director
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Eurofins Food Chemistry Testing Madison, Inc.
3301 Kinsman Blvd
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.

Certificate Issued To:
ORIVeDA



Work performed at:
International RINP, Inc.
23151 Verdugo Dr., Suite 101
Laguna Hills, CA 92653
Phone: (949) 916-0780
FAX: (949) 916-2820
E-mail: rinp1@live.com
Website: www.internationalrinp.com

FDA Registration No. 18174842550

Certificate of Analysis:

Determination of Terpenes and Erinacines in OrIVeDA L+Lion's Mane Mycelium Alcohol Extract by HPLC Methods

Company Name: ORIVeDA
Sample Description: OrIVeDA L+Lion's Mane Mycelium Alcohol Extract
Received Date: 04-24-20
Lot Number: N/A
Lab Number: L#15907
Payment Method: Paypal

The analysis results

Sample	Lab#	Analyte	Target	Results
OrIVeDA L+Lion's Mane Mycelium Alcohol Extract	L#15907	Terpenes	N/A	7.49%
OrIVeDA L+Lion's Mane Mycelium Alcohol Extract	L#15907	Erinacines	N/A	5.44%

A handwritten signature in black ink that reads 'Hongyan Wang'.

Approved by:

Hongyan Wang, President/PhD

Report Date: 05-07-20

LION'S MANE MYCELIUM EXTRACT



2020	levels (ppb)	levels in mg/g	levels per serving (mcg / 900 mg)
HEAVY METALS *			
Lead (Pb)	150.855	0.000150855	0.1358
Arsenic (As)	100.945	0.000100945	0.0909
Cadmium (Cd)	52.554	0.000052554	0.0473
Mercury (Hg)	0	0.000000000	0.0000
COMPOUNDS			
Manganese (Mn)	26864.1	0.026864100	24.1777
Zinc (Zn)	25910.753	0.025910753	23.3197
Magnesium (Mg)	1768794.544	1.768794544	1591.9151
Aluminum (Al)	1252.604	0.001252604	1.1273
Potassium (K)	23853488.634	23.853488634	21468.1398
Iron (Fe)	191434.529	0.191434529	172.2911
Copper (Cu)	3595.333	0.003595333	3.2358
Silver (Ag)	0	0.000000000	0.0000
Molybdenum (Mo)	532.327	0.000532327	0.4791
Selenium (Se)	102.307	0.000102307	0.0921
Nickel (Ni)	4282.219	0.004282219	3.8540
Chromium (Cr)	2918.417	0.002918417	2.6266
Vanadium (V)	123.462	0.000123462	0.1111
Caesium (Cs-133)	179.555	0.000179555	0.1616
Strontium (Sr-88)	8774.518	0.008774518	7.8971
Uranium (U)	12.677	0.000012677	0.0114

ESSENTIAL NUTRIENTS with a recommended daily value (FDA)	nutrient levels per serving (mcg / 900 mg)	FDA, recommended daily value (RDV in mcg), 4 years and older	percentage of RDV in this extract, per nutrient
Manganese (Mn)	24.1777	2000	1.21%
Zinc (Zn)	23.3197	15000	0.16%
Magnesium (Mg)	1591.9151	400000	0.40%
Potassium (K)	21468.1398	3500000	0.61%
Iron (Fe)	172.2911	18000	0.96%
Copper (Cu)	3.2358	2000	0.16%
Molybdenum (Mo)	0.4791	75	0.64%
Selenium (Se)	0.0921	70	0.13%
Chromium (Cr)	2.6266	120	2.19%

ppb : parts per billion
 mg : milligram; 1/1,000th of a gram
 mcg : microgram: 1/1,000,000 of a gram
 mcg/g : micrograms per gram
 mg/g : milligrams per gram
 serving: the recommended average daily dosage

* 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)



Metals Analysis Report



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Operator: E.C.

File Name 067SMPL.d
File Path D:\Data\2020\2020-04-30 samples 6812 and up.b
Acq Time 4/30/2020 7:21:52 PM
Sample Name C1988
Sample Type Sample
Comment Oriveda L + AE Lion's Mane Extract 2020-04-29-26 Lot#VIDSDYVLE2C92091
Prep Dilution 123.4873
Auto Dilution 1.0000
Total Dilution 123.4873

Acq Mode Spectrum
Cal Title ---
Cal Type External Calibration
Last Calib 04/30/2020 20:06:46
Bkg File 003_BKG.d
Bkg Mode Count Subtraction except for ISTD
FQ BlankFile 018QBLK.d
VIS Fit Linear



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FullQuant Table

Element	Mass	Conc.	Units	RSD(%)	Det.
Mg	24	1768794.544	ppb	1.7	Analog
Al	27	12052.604	ppb	1.3	Pulse
K	39	23853488.634	ppb	1.1	Analog
V	51	123.462	ppb	2.4	Pulse
Cr	52	2918.417	ppb	1.3	Pulse
Mn	55	31452.035	ppb	0.8	Pulse
Fe	56	191434.529	ppb	1.4	Analog
Ni	60	4282.219	ppb	0.7	Pulse
Cu	63	3595.333	ppb	0.5	Pulse
Zn	66	19025.290	ppb	1.0	Pulse
As	75	100.945	ppb	5.4	Pulse
Se	78	102.307	ppb	46.1	Pulse
Sr	88	8774.518	ppb	0.5	Pulse
Mo	95	532.327	ppb	2.8	Pulse
Ag	107	<0.000	ppb	N/A	Pulse
Cd	111	25.259	ppb	13.4	Pulse
Cd	114	27.295	ppb	14.7	Pulse
Cs	133	179.555	ppb	0.8	Pulse
Hg	200	<0.000	ppb	N/A	Pulse
Hg	201	<0.000	ppb	N/A	Pulse
Hg	202	<0.000	ppb	N/A	Pulse
Pb	206	52.209	ppb	4.3	Pulse
Pb	207	49.624	ppb	4.8	Pulse
Pb	208	49.022	ppb	2.6	Pulse
U	238	12.677	ppb	6.1	Pulse

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
He	Sc	45	375853.23	1.7	111.8	Pulse	0.6000	3
He	Ge	72	39081.53	2.4	102.9	Pulse	0.6000	3
He	In	115	347248.06	1.1	100.8	Pulse	0.6000	3
He	Te	125	47419.24	1.6	107.8	Pulse	0.6000	3
He	Tb	159	738613.79	0.8	94.9	Pulse	0.6000	3
He	Bi	209	356348.84	0.4	83.5	Pulse	0.6000	3