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Report Number: 2481549-0
Report Date: 02-May-2019
Report Status: Final
Supercedes : 8659-0 2478660-0

Certificate of Analysis

Oriveda BV

Sample Name:	**Reishi Primo Extract (Ganoderma Lucidum)**	**Eurofins Sample:**	**8380974**
Project ID	ORIVED_HAR-20190424-0002	**Receipt Date**	24-Apr-2019
PO Number	CVD	**Receipt Condition**	Ambient temperature
Lot Number	2019	**Login Date**	24-Apr-2019
Sample Serving Size	1 Cap	**Date Started**	26-Apr-2019
		Online Order	0

Analysis	Result
Beta Glucan	
Beta Glucan	16.3 %
Calculated Sample Weight	
Entity Weight	0.3927 g
Entity Fill Weight	0.3003 g
Total Polyphenols	
Total Polyphenols (Gallic Acid Equivalents)	1.85 %

Method References	Testing Location
Beta Glucan (MISC_YBGL)	**Food Integrity Innovation-Madison**
Megazyme Kit K-YBGL	
Calculated Sample Weight (PREP)	**Food Integrity Innovation-Madison**
Total Polyphenols (TOTP_S)	**Food Integrity Innovation-Madison**
Methods of Enzymology, Volume 299, Oxidants and Antioxidants Part A, Pages 152-178, 1999 (modified).	

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison	**Edward Ladwig - Director**

Eurofins Food Chemistry Testing US, Inc.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375

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 Triterpens in OrIVeDA Reishi Primo Extract by HPLC Method

Company Name: ORIVeDA

Sample Description: OrIVeDA Reishi Primo Extract

Received Date: 04-06-19

Lot Number: N/A

Lab Number: L#13917

Payment Method Paypal

The analysis results

Sample	Lab#	Analyses	Target	Results
OrIVeDA Reishi Primo Extract	L#13917	Triterpens	NLT 5%	9.45%

Approved by: Hongyan Wang

Hongyan Wang, President/PhD

Report Date: 04-23-19

Data based on a sample analysis by CWC-Labs, USA, 04-2019

REISHI PRIMO EXTRACT

oriveda

2019	levels (ppb)	levels in mg/g	**levels per serving (mcg / 600 mg)**
HEAVY METALS *			
Lead (Pb)	847.808	0.000847808	0.5087
Arsenic (As)	1028.353	0.001028353	0.6170
Cadmium (Cd)	530.63	0.00053063	0.3184
Mercury (Hg)	0	0	0.0000
COMPOUNDS			
Manganese (Mn)	53385.942	0.053385942	32.0316
Zinc (Zn)	22954.553	0.022954553	13.7727
Magnesium (Mg)	1171080.187	1.171080187	702.6481
Aluminum (Al)	316209.351	0.316209351	189.7256
Potassium (K)	27345856.272	27.345856272	16407.5138
Iron (Fe)	405181.122	0.405181122	243.1087
Copper (Cu)	12515.679	0.012515679	7.5094
Silver (Ag)	1351.876	0.001351876	0.8111
Molybdenium (Mo)	131.463	0.000131463	0.0789
Selenium (Se)	152.333	0.000152333	0.0914
Nickel (Ni)	2486.191	0.002486191	1.4917
Cromium (Cr)	3138.028	0.003138028	1.8828
Vanadium (V)	531.615	0.000531615	0.3190
Caesium (Cs-133)	718.041	0.000718041	0.4308
Strontium (Sr-88)	4263.716	0.004263716	2.5582
Uranium (U)	45.541	4.5541E-05	0.0273

ESSENTIAL NUTRIENTS with a recommended daily value (FDA)	**nutrient levels per serving (mcg / 600 mg)**	**FDA, recommended daily value (RDV in mcg), 4 years and older**	**percentage of RDV in this extract, per nutrient**
Manganese (Mn)	32.0316	2000	1.60%
Zinc (Zn)	13.7727	15000	0.09%
Magnesium (Mg)	702.6481	400000	0.18%
Potassium (K)	16407.5138	3500000	0.47%
Iron (Fe)	243.1087	18000	1.35%
Copper (Cu)	7.5094	2000	0.38%
Molybdenium (Mo)	0.0789	75	0.11%
Selenium (Se)	0.0914	70	0.13%
Cromium (Cr)	1.8828	120	1.57%

ppd : 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

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* 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

Operator: E.C.

File Name	054SMPL.d
File Path	D:\Data\2019\2019-04-15 samples 5726 and up.b
Acq Time	4/15/2019 1:49:11 PM
Sample Name	C1821
Sample Type	Sample
Comment	ORIVeDA Reishi Primo (Ganoderma Iucidum) extract 2019-04-10-24 Lot#VID928V6N474OEA3
Prep Dilution	122.1001
Auto Dilution	1.0000
Total Dilution	122.1001
Acq Mode	Spectrum
Cal Title	---
Cal Type	External Calibration
Last Calib	04/15/2019 14:42:52
Bkg File	003_BKG.d
Bkg Mode	Count Subtraction except for ISTD
FQ BlankFile	018QBLK.d
VIS Fit	Linear

Metals Analysis Report

CWC Labs is an ISO 17025 accredited laboratory. See CWClabs.com for accreditation details.

FullQuant Table

Element	Mass	Conc.	Units	RSD(%)	Det.
Mg	24	1171080.187	ppb	1.0	Analog
Al	27	316209.351	ppb	0.5	Pulse
K	39	27345856.272	ppb	1.5	Analog
V	51	531.615	ppb	3.2	Pulse
Cr	52	3138.028	ppb	0.7	Pulse
Mn	55	53385.942	ppb	1.0	Analog
Fe	56	408181.122	ppb	1.2	Analog
Ni	60	2486.191	ppb	0.7	Pulse
Cu	63	12515.679	ppb	1.2	Pulse
Zn	66	22954.553	ppb	1.1	Pulse
As	75	1028.353	ppb	1.5	Pulse
Se	78	152.333	ppb	32.2	Pulse
Sr	88	4263.716	ppb	1.5	Pulse
Mo	95	131.463	ppb	2.8	Pulse
Ag	107	1351.876	ppb	11.2	Pulse
Cd	111	264.227	ppb	3.4	Pulse
Cd	114	266.403	ppb	3.4	Pulse
Cs	133	718.041	ppb	1.2	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	289.065	ppb	1.0	Pulse
Pb	207	276.388	ppb	0.3	Pulse
Pb	208	282.355	ppb	0.6	Pulse
U	238	45.541	ppb	3.3	Pulse

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
He	Sc	45	486288.49	0.7	78.9	Pulse	0.3000	3
He	Ge	72	54540.83	0.1	76.8	Pulse	0.3000	3
He	In	115	490067.78	0.6	74.8	Pulse	0.3000	3
He	Te	125	74858.84	1.9	86.7	Pulse	0.3000	3
He	Tb	159	1509527.27	0.5	82.3	Analog	0.2000	3
He	Bi	209	869112.33	0.5	74.0	Pulse	0.2000	3