

Certificate of Analysis

Oriveda BV

Sample Name:	Cordyceps Extract C+	Eurofins Sample:	8380972
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	16.4 %
Calculated Sample Weight	
Entity Weight	0.5431 g
Entity Fill Weight	0.4467 g
Total Polyphenols	
Total Polyphenols (Gallic Acid Equivalents)	1.14 %

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	

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 (1>3) (1>6) Beta Glucan, Cordycepin, Adenosine, Uridine and Cordycepic Acid in OrIVeDA Cordyceps C+ Extract by Megazyme and HPLC Methods

Company Name: ORIVeDA
Sample Description: OrIVeDA Cordyceps C+ Extract
Received Date: 04-06-19
Lot Number: N/A
Lab Number: L#13916
Payment Method: Paypal

The analysis results

Sample	Lab#	Analyses	Target	Results
OrIVeDA Cordyceps C+ Extract	L#13916	(1>3) (1>6)Beta Glucan	N/A	16.71%
OrIVeDA Cordyceps C+ Extract	L#13916	Cordycepin	NLT 1%	1.39%
OrIVeDA Cordyceps C+ Extract	L#13916	Adenosine	NLT 0.4%	0.54%
OrIVeDA Cordyceps C+ Extract	L#13916	Uridine	N/A	0.40%
OrIVeDA Cordyceps C+ Extract	L#13916	Cordycepic Acid	NLT 15%	15.74%

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

Approved by:

Hongyan Wang, President/PhD

Report Date: 04-23-19

Cordyceps C+

oriveda

2019	levels (ppb)	levels in mg/g	levels per serving (mcg / 900 mg)
HEAVY METALS *			
Lead (Pb)	73.652	7.3652E-05	0.0663
Arsenic (As)	124.969	0.000124969	0.1125
Cadmium (Cd)	73.878	7.3878E-05	0.0665
Mercury (Hg)	0	0	0.0000
			0.0000
COMPOUNDS			
Manganese (Mn)	10490.601	0.010490601	9.4415
Zinc (Zn)	40344.587	0.040344587	36.3101
Magnesium (Mg)	1240972.592	1.240972592	1116.8753
Aluminum (Al)	10659.326	0.010659326	9.5934
Potassium (K)	20011612.83	20.01161283	18010.4515
Iron (Fe)	51520.452	0.051520452	46.3684
Copper (Cu)	1360.992	0.001360992	1.2249
Silver (Ag)	0	0	0.0000
Molybdenium (Mo)	330.341	0.000330341	0.2973
Selenium (Se)	107.56	0.00010756	0.0968
Nickel (Ni)	2481.028	0.002481028	2.2329
Cromium (Cr)	313.979	0.000313979	0.2826
Vanadium (V)	91.942	9.1942E-05	0.0827
Caesium (Cs-133)	31.703	3.1703E-05	0.0285
Strontium (Sr-88)	4277.349	0.004277349	3.8496
Uranium (U)	13.705	1.3705E-05	0.0123

ESSENTIAL NUTRIENTS with a recommended daily value (FDA)	nutrient levels per serving (mcg / 860 mg)	FDA, recommended daily value (RDV in mcg), 4 years and older	percentage of RDV in this extract, per nutrient
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Manganese (Mn)	9.4415	2000	0.47%
Zinc (Zn)	36.3101	15000	0.24%
Magnesium (Mg)	1116.8753	400000	0.28%
Potassium (K)	18010.4515	35000000	0.51%
Iron (Fe)	46.3684	18000	0.26%
Copper (Cu)	1.2249	2000	0.06%
Molybdenium (Mo)	0.2973	75	0.40%
Selenium (Se)	0.0968	70	0.14%
Cromium (Cr)	0.2826	120	0.24%

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 (here: 860 mg daily (Adult, 70-80 kgs))

* 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	050SMPL.d
File Path	D:\Data\2019\2019-04-15 samples 5726 and up.b
Acq Time	4/15/2019 1:36:12 PM
Sample Name	C1819
Sample Type	Sample
Comment	ORIVeDA C+ (Cordyceps sinensis/militaris) extract 2019-04-10-22 Lot#VID9PG0354593YQ4
Prep Dilution	121.9512
Auto Dilution	1.0000
Total Dilution	121.9512
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



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FullQuant Table

Element	Mass	Conc.	Units	RSD(%)	Det.
Mg	24	1240972.592	ppb	1.2	Analog
Al	27	10659.326	ppb	7.8	Pulse
K	39	20011612.830	ppb	1.0	Analog
V	51	91.942	ppb	5.7	Pulse
Cr	52	313.979	ppb	0.3	Pulse
Mn	55	10490.601	ppb	1.9	Pulse
Fe	56	51520.452	ppb	1.6	Analog
Ni	60	2481.028	ppb	3.1	Pulse
Cu	63	1360.992	ppb	2.1	Pulse
Zn	66	40344.587	ppb	2.5	Pulse
As	75	124.969	ppb	13.5	Pulse
Se	78	107.560	ppb	68.9	Pulse
Sr	88	4277.349	ppb	1.8	Pulse
Mo	95	330.341	ppb	4.3	Pulse
Ag	107	<0.000	ppb	N/A	Pulse
Cd	111	35.378	ppb	18.3	Pulse
Cd	114	38.500	ppb	8.8	Pulse
Cs	133	31.703	ppb	0.7	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	25.837	ppb	7.0	Pulse
Pb	207	23.017	ppb	7.4	Pulse
Pb	208	24.798	ppb	9.5	Pulse
U	238	13.705	ppb	7.1	Pulse

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
He	Sc	45	516751.02	1.3	83.9	Pulse	0.3000	3
He	Ge	72	58513.83	0.2	82.4	Pulse	0.3000	3
He	In	115	526161.90	1.4	80.3	Pulse	0.3000	3
He	Te	125	78752.50	2.1	91.2	Pulse	0.3000	3
He	Tb	159	1571914.09	1.3	85.7	Analog	0.2000	3
He	Bi	209	911067.46	1.6	77.6	Pulse	0.2000	3