

## Certificate of Analysis

Oriveda BV

<b>Sample Name:</b>	<b>PSP-50 (Corilois Versicolor Extract)</b>	<b>Eurofins Sample:</b>	<b>8380975</b>
<b>Project ID</b>	ORIVED_HAR-20190424-0002	<b>Receipt Date</b>	24-Apr-2019
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	2019	<b>Login Date</b>	24-Apr-2019
<b>Sample Serving Size</b>	1 Cap	<b>Date Started</b>	26-Apr-2019
		<b>Online Order</b>	0

Analysis	Result
<b>Beta Glucan</b>	
Beta Glucan	38.0 %
<b>Calculated Sample Weight</b>	
Entity Weight	0.4466 g
Entity Fill Weight	0.3550 g
<b>Total Polyphenols</b>	
Total Polyphenols (Gallic Acid Equivalents)	1.45 %

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

Testing Location(s)	Released on Behalf of Eurofins by
<b>Food Integrity Innovation-Madison</b>	<b>Edward Ladwig - Director</b>
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 Polypeptides in OrIVeDA Turkey Tail (PSP-50) Extract by UV Method

Company Name: ORIVeDA  
Sample Description: OrIVeDA Turkey Tail (PSP-50) Extract  
Received Date: 04-06-19  
Lot Number: N/A  
Lab Number: L#13918  
Payment Method: Paypal

**The analysis results**

Sample	Lab#	Analyses	Target	Results
OrIVeDA Turkey Tail (PSP-50) Extract	L#13918	Polypeptides	N/A	22.40%

Approved by:

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

Hongyan Wang, President/PhD

Report Date: 04-23-19

**Coriolus PSP-50**

oriveda

2019	levels (ppb)	levels in mg/g	levels per serving (mcg / 1050 mg)
<b>HEAVY METALS *</b>			
Lead (Pb)	963.798	0.000963798	1.0120
Arsenic (As)	970.596	0.000970596	1.0191
Cadmium (Cd)	250.388	0.000250388	0.2629
Mercury (Hg)	0	0	0.0000
<b>COMPOUNDS</b>			
Manganese (Mn)	46963.327	0.046963327	49.3115
Zinc (Zn)	28340.922	0.028340922	29.7580
Magnesium (Mg)	1795824.1	1.7958241	1885.6153
Aluminum (Al)	149465.079	0.149465079	156.9383
Potassium (K)	14080874.706	14.080874706	14784.9184
Iron (Fe)	251117.939	0.251117939	263.6738
Copper (Cu)	5686.777	0.005686777	5.9711
Silver (Ag)	208.455	0.000208455	0.2189
Molybdenium (Mo)	481.219	0.000481219	0.5053
Selenium (Se)	61.461	6.1461E-05	0.0645
Nickel (Ni)	2048.302	0.002048302	2.1507
Cromium (Cr)	843.48	0.00084348	0.8857
Vanadium (V)	311.039	0.000311039	0.3266
Caesium (Cs-133)	118.803	0.000118803	0.1247
Strontium (Sr-88)	12853.932	0.012853932	13.4966
Uranium (U)	11.337	1.1337E-05	0.0119

ESSENTIAL NUTRIENTS with a recommended daily value (FDA)	nutrient levels per serving (mcg / 1000 mg)	FDA, recommended daily value (RDV in mcg), 4 years and older	percentage of RDV in this extract, per nutrient
Manganese (Mn)	49.3115	2000	2.47%
Zinc (Zn)	29.7580	15000	0.20%
Magnesium (Mg)	1885.6153	400000	0.47%
Potassium (K)	14784.9184	3500000	0.42%
Iron (Fe)	263.6738	18000	1.46%
Copper (Cu)	5.9711	2000	0.30%
Molybdenium (Mo)	0.5053	75	0.67%
Selenium (Se)	0.0645	70	0.09%
Cromium (Cr)	0.8857	120	0.74%

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: 1000 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.

<b>File Name</b>	047SMPL.d
<b>File Path</b>	D:\Data\2019\2019-04-15 samples 5726 and up.b
<b>Acq Time</b>	4/15/2019 1:26:40 PM
<b>Sample Name</b>	C1816
<b>Sample Type</b>	Sample
<b>Comment</b>	ORIVeDA PSP-50 (Coriolus versicolor) extract 2019-04-10-19 Lot#VID021TPYD01X459
<b>Prep Dilution</b>	117.8967
<b>Auto Dilution</b>	1.0000
<b>Total Dilution</b>	117.8967
<b>Acq Mode</b>	Spectrum
<b>Cal Title</b>	---
<b>Cal Type</b>	External Calibration
<b>Last Calib</b>	04/15/2019 14:42:52
<b>Bkg File</b>	003_BKG.d
<b>Bkg Mode</b>	Count Subtraction except for ISTD
<b>FQ BlankFile</b>	018QBLK.d
<b>VIS Fit</b>	Linear



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### FullQuant Table

Element	Mass	Conc.	Units	RSD(%)	Det.
Mg	24	1795824.100	ppb	1.8	Analog
Al	27	149465.079	ppb	1.3	Pulse
K	39	14080874.706	ppb	1.4	Analog
V	51	311.039	ppb	4.3	Pulse
Cr	52	843.480	ppb	0.8	Pulse
Mn	55	46963.327	ppb	1.3	Analog
Fe	56	251117.939	ppb	2.3	Analog
Ni	60	2048.302	ppb	0.5	Pulse
Cu	63	5686.777	ppb	1.6	Pulse
Zn	66	28340.922	ppb	1.3	Pulse
As	75	970.596	ppb	1.9	Pulse
Se	78	61.461	ppb	58.3	Pulse
Sr	88	12853.932	ppb	1.7	Pulse
Mo	95	481.219	ppb	1.6	Pulse
Ag	107	208.455	ppb	15.3	Pulse
Cd	111	124.503	ppb	4.4	Pulse
Cd	114	125.885	ppb	5.0	Pulse
Cs	133	118.803	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	323.270	ppb	2.0	Pulse
Pb	207	321.445	ppb	2.4	Pulse
Pb	208	319.083	ppb	2.8	Pulse
U	238	11.337	ppb	5.4	Pulse

### ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
He	Sc	45	521015.07	0.2	84.5	Pulse	0.3000	3
He	Ge	72	57752.16	0.6	81.3	Pulse	0.3000	3
He	In	115	520009.36	0.2	79.3	Pulse	0.3000	3
He	Te	125	78175.12	1.0	90.5	Pulse	0.3000	3
He	Tb	159	1570692.74	1.2	85.7	Analog	0.2000	3
He	Bi	209	920791.84	0.6	78.4	Pulse	0.2000	3