

# Certificate of Analysis

Mar 05, 2020 | Ritza Life Inc

1399 E Blue Lick Rd. Shepherdsville Kentucky, United States 40165



### Kaycha Labs

RL-HEMP-77

Matrix: Derivative



Sample:MO00303057-001

Harvest/Lot ID: N/A Seed to Sale #N/A Batch Date :N/A

Batch#: 022120

Sample Size Received: 30 Retail Product Size: 30

Ordered: 03/02/20

Sampled: 03/02/20

Completed: 03/05/20 Expires: 03/05/21 Sampling Method: SOP Client Method

PASSED

Page 1 of 5

PRODUCT IMAGE

SAFETY RESULTS





PASSED



Heavy Metals PASSED



Microbials



Mycotoxins PASSED



Solvents **PASSED** 



**PASSED** 



Water Activity



Moisture

**NOT TESTED TESTED** 



MISC.

CANNABINOID RESULTS



**Total THC** 0.000%THC/Container: 0.000 mg

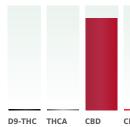


**Total CBD** CBD/Container: 763.344 mg



**Total Cannabinoids** 

Total Cannabinoids/Container :797.382 mg



	D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	СВС	CBG	CBGA
	ND	ND	2.736 %	ND	ND	ND	0.049 %	0.011 %	0.042 %	0.020 %	ND
	ND	ND	27.360 mg/g	ND	ND	ND	0.490 mg/g	0.110 mg/g	0.420 mg/g	0.200 mg/g	ND
LOD	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	%	%	%	%	%	%	%	%	%	%	%



Filth

**PASSED** 

Analyzed By Weight Extraction date LOD(ppm) Extracted By

Analysis Method -SOP.T.40.013 Analytical Batch -NA

Batch Date: Reviewed On - 03/04/20 15:54:18

### **Cannabinoid Profile Test**

Uncertainty: 2.7%

Analyzed by Weight Extraction date : Extracted By:

Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 03/04/20 09:18:14 Analytical Batch - MO000306POT Instrument Used: HPLC Potency Analyzer Batch Date: 03/03/20 14:28:41

Reagent

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L). Measurement of

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

#### **David Greene**

Lab Director

State License # 19-05-02P ISO Accreditation # 17025:2017



03/05/2020

Signature



### Kaycha Labs

Matrix: Derivative



## **Certificate of Analysis**

Ritza Life Inc

1399 E Blue Lick Rd. Shepherdsville Kentucky, United States 40165

**Telephone:** 5023967019 Email: admin@ritzalife.com Sample: MO00303057-001 Harvest/LOT ID: N/A

Batch#:022120 Sampled: 03/02/20

Ordered: 03/02/20

Sample Size Received: 30

Completed: 03/05/20 Expires: 03/05/21 Sample Method: SOP Client Method

**PASSED** 

Page 2 of 5



### **Terpenes**

## **TESTED**

Terpenes	LOD	Units		Result (%)	Terpenes		LOD	Units		Result (%)
ALPHA-CEDRENE	0.005	%	ND		SABINENE HYD	DRATE	0.01	%	ND	
ALPHA-HUMULENE	0.005	%	ND		TERPINEOL		0.005	%	ND	
ALPHA-PINENE	0.005	%	ND		TERPINOLENE		0.005	%	ND	
ALPHA-TERPINENE	0.005	%	ND		TRANS-		0.005	%	ND	
BETA-MYRCENE	0.005	%	ND		CARYOPHYLLE	,,	$\mathcal{A}_{\mathcal{A}}$	/./ / Y		
BETA-PINENE	0.005	%	ND		TRANS-NEROL	IDOL	0.005	%	ND	
BORNEOL	.01	%	ND		VALENCENE		0.005	%	ND	
CAMPHENE	0.005	%	ND							
CAMPHOR	.01	%	ND							
CARYOPHYLLENE OXIDE	0.005	%	ND		8	Te	rpenes			TESTED
CEDROL	0.005	%	ND							ILSIED
ALPHA-BISABOLOL	0.005	%	ND							
ISOPULEGOL	.01	%	ND							
CIS-NEROLIDOL	0.005	%	ND		Analysis I		Walaka	V		Futus stad Dec
B-CARENE	0.005	%	ND		Analyzed b	у	Weight 1.015q	NA NA	on date	Extracted By
FENCHYL ALCOHOL	0.005	%	ND		10		1.015g	INA		NA
HEXAHYDROTHYMOL	0.005	%	ND		Analysis Me	thod	-SOP.T.40.0	90		
EUCALYPTOL	0.005	%	ND		Analytical B	atch -	-MO000322	TER R	eviewed On	- 03/04/20 11:12:58
ISOBORNEOL	0.005	%	ND		Instrument	Used	: GCMS805	0/ /		
FENCHONE	.01	%	ND		Batch Date	: 03/0	4/20 10:35:	25		
GAMMA-TERPINENE	0.005	%	ND			-	$A \rightarrow Y$	-	$\rightarrow \rightarrow \rightarrow \rightarrow$	$\rightarrow$
GERANIOL	0.005	%	ND		Reagent		Dilutio	n	Consums	s. ID
GERANYL ACETATE	.01	%	ND							
GUAIOL	0.005	%	ND		Tornonoid pr	ofilo co	crooning is n	orformed up	sing GC MS/M	S TQ-8040 with Liquid
LIMONENE	0.005	%	ND							ole Quad) which can
LINALOOL	.01	%	ND							id Analysis Via GC-
NEROL	0.005	%	ND		MS/MS.					
OCIMENE	0.005	%	ND							
ALPHA-PHELLANDRENE	0.005	%	ND							
PULEGONE	0.005	%	ND							
SABINENE	0.005	%	ND							

**Total** 

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

#### **David Greene**

Lab Director

State License # 19-05-02P ISO Accreditation # 17025:2017



03/05/2020

Signature



### **Kaycha Labs**

RL-HEMP-777

N/A

Matrix : Derivative



## **Certificate of Analysis**

Ritza Life Inc

1399 E Blue Lick Rd. Shepherdsville Kentucky, United States 40165

**Telephone:** 5023967019 **Email:** admin@ritzalife.com

Sample: MO00303057-001 Harvest/LOT ID: N/A

Batch#:022120

Sampled: 03/02/20 Ordered: 03/02/20 Sample Size Received: 30

Completed: 03/05/20 Expires: 03/05/21 Sample Method: SOP Client Method

**PASSED** 

Page 3 of 5



### **Pesticides**

### **PASSED**

Pesticides	LOD	Units	<b>Action Level</b>	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND
ACEPHATE	0.010	ppm	0.5	ND
ACEQUINOCYL	0.02	ppm	2	ND
ACETAMIPRID	0.010	ppm	0.2	ND
ALDICARB	0.020	ppm	0.4	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND
BIFENAZATE	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND
CARBARYL	0.010	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND
COUMAPHOS	0.005	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND
DAMINOZIDE	0.010	ppm	1	ND
DIAZANON	0.010	ppm	0.2	ND
DICHLORVOS	0.050	ppm	0.1	ND
DIMETHOATE	0.010	ppm	0.2	ND
DIMETHOMORPH	0.005	ppm	0.1	ND
ETHOPROPHOS	0.010	ppm	0.2	ND
ETOFENPROX	0.010	ppm	0.4	ND
ETOXAZOLE	0.010	ppm	0.2	ND
FENHEXAMID	0.005	ppm	0.1	ND
FENOXYCARB	0.010	ppm	0.2	ND
FENPYROXIMATE	0.010	ppm	0.4	ND
FIPRONIL	0.020	ppm	0.4	ND
FLONICAMID	0.010	ppm	1	ND
FLUDIOXONIL	0.010	ppm	0.4	ND
HEXYTHIAZOX	0.010	ppm	1	ND
IMAZALIL	0.010	ppm	0.2	ND
IMIDACLOPRID	0.010	ppm	0.4	ND
KRESOXIM-METHYL	0.010	ppm	0.4	ND
MALATHION	0.010	ppm	0.2	ND
METALAXYL	0.010	ppm	0.2	ND
METHIOCARB	0.010	ppm	0.2	ND
METHOMYL	0.010	ppm	0.6	ND
MEVINPHOS	0.010	ppm	0.1	ND
MYCLOBUTANIL	0.010	ppm	0.2	ND
NALED	0.010	ppm	0.5	ND

Pesticides	LOD	Units	Action Level	Result
OXAMYL	0.010	ppm	1	ND
PACLOBUTRAZOL	0.010	ppm	0.4	ND
PERMETHRINS	0.050	ppm	1	ND
PHOSMET	0.010	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.010	ppm	3	ND
PRALLETHRIN	0.050	ppm	0.2	ND
PROPICONAZOLE	0.010	ppm	0.4	ND
PROPOXUR	0.010	ppm	0.2	ND
PYRETHRIN I	0.010	ppm	1	ND
PYRIDABEN	0.005	ppm	0.2	ND
SPINETORAM	0.005	ppm	0.5	ND
SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
SPIROMESIFEN	0.010	ppm	0.2	ND
SPIROTETRAMAT	0.020	ppm	0.2	ND
SPIROXAMINE	0.010	ppm	0.4	ND
TEBUCONAZOLE	0.010	ppm	0.4	ND
THIACLOPRID	0.010	ppm	0.2	ND
THIAMETHOXAM	0.010	ppm	0.5	ND
TRIFLOXYSTROBIN	0.010	ppm	0.2	ND

<b>S</b>	Pesticides			PASSE
Analyzed by	Weight	Extraction date	Extracted By	
1	1.0024g	NA	NA	
Analysis Method - S	OP.T.30.060, SOP.T.4	10.060 ,		
Analytical Batch - M	10000325PES	Reviewed On-	03/04/20 15:54:18	
Instrument Used : L	CMSMS 8060 P			
Ratch Date : 03/05/	20 10:36:04			

Reagent	Dilution	Consums. ID
103019.30		24153381
		00280227
		931CC

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS).\*

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**David Greene** 

Lab Director

State License # 19-05-02P ISO Accreditation # 17025:2017



03/05/2020

Signature



### Kaycha Labs

RL-HEMP-777

N/A

Matrix : Derivative



## **Certificate of Analysis**

**PASSED** 

Ritza Life Inc

1399 E Blue Lick Rd. Shepherdsville Kentucky, United States 40165

**Telephone:** 5023967019 **Email:** admin@ritzalife.com

Sample: MO00303057-001 Harvest/LOT ID: N/A

Batch#:022120

Sampled: 03/02/20 Ordered: 03/02/20 Sample Size Received: 30

Completed: 03/05/20 Expires: 03/05/21 Sample Method: SOP Client Method Page 4 of 5



### **Residual Solvents**

### PASSED



### **Residual Solvents**



Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
TRICHLOROETHENE	3	ppm	80	PASS	ND
CHLOROFORM	0.24	ppm	60	PASS	ND
1,2-DICHLOROETHENE	0.24	ppm	1870	PASS	ND
1,1-DICHLOROETHENE	2	ppm	8	PASS	ND
PENTANES	90	ppm	2500	PASS	ND
BUTANES (N-BUTANE)	50	ppm	5000	PASS	ND
ACETONITRILE	7.2	ppm	410	PASS	ND
ACETONE	90	ppm	5000	PASS	ND
2-PROPANOL	60	ppm	5000	PASS	ND
HEXANES	6	ppm	290	PASS	ND
XYLENES	18	ppm	2170	PASS	ND
TOLUENE	18	ppm	1068	PASS	ND
PROPANE	80	ppm	5000	PASS	ND
METHANOL	30	ppm	3000	PASS	ND
XYLENES-P (1,4- DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
HEPTANE	60	ppm	5000	PASS	ND
XYLENES-M (1,3- DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYLENE OXIDE	0.6	ppm	50	PASS	ND
XYLENES-O (1,2- DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYL ETHER	60	ppm	5000	PASS	ND
ETHYL ACETATE	48	ppm	5000	PASS	ND
DICHLOROMETHANE	15	ppm	600	PASS	ND
ETHANOL	120	ppm	5000	PASS	ND

Weight	Extraction date	
	Weight	Weight Extraction date

Nalyzed by Weight Extraction date Extracted By

8 0.036g NA NA

Analysis Method -SOP.T.40.032 Analytical Batch -MO000323SOL

Reviewed On - 03/04/20 11:13:15

Instrument Used: GCMS2010 Batch Date: 03/04/20 10:35:59

Reagent Dilution Consums. ID

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**David Greene** 

Lab Director

State License # 19-05-02P ISO Accreditation # 17025:2017



03/05/2020

Signature



### Kaycha Labs

Matrix: Derivative



## **Certificate of Analysis**

**PASSED** 

1399 E Blue Lick Rd. Shepherdsville Kentucky, United States 40165

**Telephone:** 5023967019 Email: admin@ritzalife.com

Sample: MO00303057-001 Harvest/LOT ID: N/A

Batch#: 022120

Sampled: 03/02/20 Ordered: 03/02/20

Sample Size Received: 30

Completed: 03/05/20 Expires: 03/05/21 Sample Method: SOP Client Method

Page 5 of 5



### Mycotoxins

### **PASSED**



### **Heavy Metals**

**PASSED** 

Analyte	LOD	Units	Result	Action Level (PP
AFLATOXIN G2	0.001	ppm	ND	0.02
AFLATOXIN G1	0.001	ppm	ND	0.02
AFLATOXIN B2	0.001	ppm	ND	0.02
AFLATOXIN B1	0.001	ppm	ND	0.02
OCHRATOXIN A+	0.001	ppm	ND	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -M0000326 | Reviewed On - 03/05/20 14:17:05

Instrument Used: LCMSMS 8060 M Batch Date: 03/05/20 10:39:41

Analyzed by	Weight	Extraction date	Extracted By
1	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy

Metal	LOD	Unit	Result	Action Level (PP	M)
ARSENIC CADMIUM LEAD MERCURY	0.001 0.001 0.001 0.001	ppm ppm ppm ppm	ND ND ND ND	1.5 0.5 0.5 3	
Analyzed by	Weight 0.529g	<b>Extract</b> NA	ion date	Extracted By	

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -MO000324HEA | Reviewed On - 03/04/20 12:07:42

Instrument Used : ICP-MS 2030 Batch Date: 03/04/20 10:36:58

metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.



#### **Microbials**

### **PASSED**

Result

not present in 1 gram.

not present in 1 gram

#### **Analyte**

ASPERGILLUS TERREUS 1J2 ASPERGILLUS\_NIGER ASPERGILLUS\_FUMIGATUS ASPERGILLUS\_FLAVUS SALMONELLA SPECIFIC GENE ESCHERICHIA\_COLI\_SHIGELLA\_SPP

Analysis Method -SOP.T.40.043

Analytical Batch -NA | Reviewed On - 03/05/20 13:39:32

Instrument Used: Batch Date :

Analyzed by Weight NA

**Extraction date** 

**Extracted By** 

Reagent Dilution

Consums. ID

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**David Greene** 

Lab Director

State License # 19-05-02P ISO Accreditation # 17025:2017



03/05/2020

Signature