

Kaycha Labs Rift Mixed Berry 1500mg Matrix: Derivative

Sample:MO00609005-001

Harvest/Lot ID: N/A

Seed to Sale #N/A Batch Date :N/A

Batch#: 25

Sample Size Received: 30 ml

Retail Product Size: 30 **Ordered**: 06/08/20

Sampled: 06/08/20

Completed: 06/16/20 Expires: 06/16/21

Sampling Method: SOP Client Method

PASSED

Page 1 of 5

Certificate of Analysis

Jun 16, 2020 | Pinnacle Hemp

2900 Davis Blvd Joplin, MO, 64801, USA



PRODUCT IMAGE SAFETY RESULTS







Pesticides

PASSED

Heavy Metals **PASSED**



Microbials

PASSED



PASSED

Reviewed On - 06/16/20 11:39:54



Solvents

PASSED



Filth

PASSED



Water Activity

NOT TESTED





Moisture **NOT TESTED**

Terpenes **TESTED**

CANNABINOID RESULTS



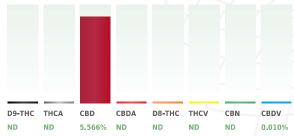
Total THC 0.000% THC/Container: 0.000 mg



Total CBD CBD/Container:1552.914 mg

Total Cannabinoids

Total Cannabinoids/Container :1555.704 mg



	D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	СВС	CBG	CBGA
	ND	ND	5.566%	ND	ND	ND	ND	0.010%	ND	ND	ND
	ND	ND	55.660 mg/g	ND	ND	ND	ND	0.100 mg/g	ND	ND	ND
LOD	0.0001	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Filth

PASSED

LOD(ppm) Analyzed By Weight Extraction date Extracted By NA NA

Analysis Method -SOP.T.40.013

Analytical Batch -NA

Reviewed On - 06/09/20 13:48:08

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing was and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analysis Method -SOP.T.40.020, SOP.T.30.050

Analyzed by Weight Extraction date: Extracted By:

Analytical Batch -MO000653POT Instrument Used: HPLC Potency Analyzer Batch Date: 06/09/20 13:56:06

Reagent Dilution Consums, ID 103119,38

060420.R01

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

40

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David Greene

Lab Director

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



06/16/2020

Signature



Kaycha Labs

Rift Mixed Berry 1500mg

Matrix: Derivative



Certificate of Analysis

PASSED

Pinnacle Hemp

2900 Davis Blvd Joplin, MO, 64801, USA Telephone: (833) 436-7283 Email: kevin@pinnacledistro.com Sample: MO00609005-001

Harvest/LOT ID: N/A Batch#:25

Sampled: 06/08/20 Ordered: 06/08/20

Sample Size Received: 30 ml

Completed: 06/16/20 Expires: 06/16/21 Sample Method: SOP Client Method

Page 2 of 5



Terpenes

TESTED

Terpenes	LOD	Units		Result (%)	Terpenes
ALPHA-CEDRENE	0.005	%	ND		SABINENE HYDRAT
ALPHA-HUMULENE	0.005	%	ND		TERPINEOL
ALPHA-PINENE	0.005	%	0.009		TERPINOLENE
ALPHA-TERPINENE	0.005	%	ND		TRANS-
BETA-MYRCENE	0.005	%	0.008		CARYOPHYLLENE
BETA-PINENE	0.005	%	0.046		TRANS-NEROLIDOI
BORNEOL	0.01	%	ND		VALENCENE
CAMPHENE	0.005	%	ND		
CAMPHOR	0.01	%	ND		
CARYOPHYLLENE OXIDE	0.005	%	ND		8 T
CEDROL	0.005	%	ND		
ALPHA-BISABOLOL	0.005	%	ND		7
ISOPULEGOL	0.01	%	ND		7711
CIS-NEROLIDOL	0.005	%	ND		A mark toward law
3-CARENE	0.005	%	ND		Analyzed by
FENCHYL ALCOHOL	0.005	%	ND		10
HEXAHYDROTHYMOL	0.005	%	ND		Analysis Metho
EUCALYPTOL	0.005	%	ND		Analytical Bato
ISOBORNEOL	0.005	%	ND		Instrument Use
FENCHONE	0.01	%	ND		Batch Date: 06
GAMMA-TERPINENE	0.005	%	0.046		
GERANIOL	0.005	%	ND		Reagent
GERANYL ACETATE	0.01	%	ND		
GUAIOL	0.005	%	ND		_ Terpenoid profile
LIMONENE	0.005	%	0.353		Injection (Gas Ch
LINALOOL	0.01	%	ND		screen 37 terper
NEROL	0.005	%	ND		MS/MS.
OCIMENE	0.005	%	ND		
ALPHA-PHELLANDREN	E 0.005	%	ND		
PULEGONE	0.005	%	ND		
SABINENE	0.005	%	0.007		

Terpenes	LOD	Units		Result (%)	
SABINENE HYDRATE	0.01	%	ND		+
TERPINEOL	0.005	%	0.008		7
TERPINOLENE	0.005	%	0.007		1
TRANS- CARYOPHYLLENE	0.005	%	ND		7
TRANS-NEROLIDOL	0.005	%	ND		
VALENCENE	0.005	%	ND		1

Terpenes



Analyzed by	Weight	Extraction date	Extracted By
18	1.051g	06/10/20 09:06:08	18

od -SOP.T.40.090

ch -MO000656TER Reviewed On - 06/10/20 11:13:00

ed: GCMS8050 with Liquid Handler

06/10/20 09:02:19

Dilution Consums. ID

e screening is performed using GC-MS/MS TQ-8040 with Liquid hromatography - Mass Spectrometer Triple Quad) which can nes using Method SOP.T.40.091 Terpenoid Analysis Via GC-

0.484 **Total**

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David Greene

Lab Director

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



06/16/2020

Signature



Kaycha Labs

Rift Mixed Berry 1500mg

Matrix: Derivative



Certificate of Analysis

PASSED

Pinnacle Hemp

2900 Davis Blvd Joplin, MO, 64801, USA Telephone: (833) 436-7283 Email: kevin@pinnacledistro.com Sample: MO00609005-001

Harvest/LOT ID: N/A

Batch#:25 Sampled: 06/08/20 **Ordered:** 06/08/20

Sample Size Received: 30 ml **Completed**: 06/16/20 **Expires**: 06/16/21

Sample Method: SOP Client Method

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PHOSMET

PIPERONYL BUTOXIDE

0	Pest	icides	5						PASS	SED
Pesticides	LOD	Units	Acti	on Level Re	sult Pesticio	des	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND	PRALLET	HRIN	0.050	ppm	0.2	ND
ACEPHATE	0.010	ppm	0.5	ND	PROPICO	NAZOLE	0.010	ppm	0.4	0.014
ACEQUINOCYL	0.02	ppm	2	ND	PROPOX	UR	0.010	ppm	0.2	ND
ACETAMIPRID	0.010	ppm	0.2	ND	PYRETHE	RINT	0.010	ppm	1	ND
ALDICARB	0.020	ppm	0.4	ND	PYRIDAB	EN	0.005	ppm	0.2	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND	SPINETO	RAM	0.005	ppm	0.5	ND
BIFENAZATE	0.010	ppm	0.2	ND	SPINOSA	D (SPINOSYN	A) 0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND	SPINOSA	D (SPINOSYN	D) 0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND	SPIROME	ESIFEN	0.010	ppm	0.2	ND
CARBARYL	0.010	ppm	0.2	ND	SPIROTE	TRAMAT	0.020	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND	SPIROXA	MINE	0.010	ppm	0.4	ND
CHLORANTRANILIF	PROLE 0.010	ppm	0.2	ND	TEBUCON	NAZOLE	0.010	ppm	0.4	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND	THIACLO	PRID	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND	THIAMET	НОХАМ	0.010	ppm	0.5	ND
COUMAPHOS	0.005	ppm	0.2	ND	TRIFLOX	YSTROBIN	0.010	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND	æŧ		Pesticides	///XXX		PASSED
DAMINOZIDE	0.010	ppm	1	ND	ē		Pesticides	. / / / N		PASSED
DIAZANON	0.010	ppm	0.2	ND						
DICHLORVOS	0.050	ppm	0.1	ND	Analyzed		Weight	Extraction date 06/10/20 09:06:15	Extra	cted By
DIMETHOATE	0.010	ppm	0.2	ND	9		1g		V V X X Y 9 C	
DIMETHOMORPH	0.005	ppm	0.1	ND		Method - 50P.1. I Batch - M0000	.30.060, SOP.T. 0651PES		eviewed On- 06/09/20 13:48:0	08
ETHOPROPHOS	0.010	ppm	0.2	ND		nt Used : LCMSN				
ETOFENPROX	0.010	ppm	0.4	ND		te: 06/09/20 12	::01:05	will tr		
ETOXAZOLE	0.010	ppm	0.2	ND	Reagent 032420.04			Dilution	Consums. ID GLC-06787	
FENHEXAMID	0.005	ppm	0.1	ND	020420.06 103019.37				00280227 931CC	
FENOXYCARB	0.010	ppm	0.2	ND	103019.35 103019.34				93100	
FENPYROXIMATE	0.010	ppm	0.4	ND	103019-31			AC wikish as a second	danna ka kalani aiaala diaik aa	b
FIPRONIL	0.020	ppm	0.4	ND					down to below single digit pp es. (Method: SOP.T.30.060 Sa	
FLONICAMID	0.010	ppm	1	ND	for Pestici	ides Analysis via	a LCMSMS and S	SOP.T40.060 Procedu	ire for Pesticide Quantificatio	n Using LCMS). *
FLUDIOXONIL	0.010	ppm	0.4	ND				+/+/+	\rightarrow	7
HEXYTHIAZOX	0.010	ppm	1	ND						
IMAZALIL	0.010	ppm	0.2	ND						
MIDACLOPRID	0.010	ppm	0.4	ND						
KRESOXIM-METHY	L 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						
	0.010 0.010	ppm ppm	0.1 0.2	ND ND						
MYCLOBUTANIL										
MYCLOBUTANIL NALED	0.010	ppm	0.2	ND						
MEVINPHOS MYCLOBUTANIL NALED OXAMYL PACLOBUTRAZOL	0.010 0.010	ppm ppm	0.2 0.5	ND ND						

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0.2

ND

ND

ppm

ppm

0.010

0.010

David Greene

Lab Director

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



06/16/2020

Signature



Kaycha Labs

Rift Mixed Berry 1500mg

Matrix : Derivative



Certificate of Analysis

PASSED

Pinnacle Hemp

2900 Davis Blvd Joplin, MO, 64801, USA Telephone: (833) 436-7283 Email: kevin@pinnacledistro.com Sample: MO00609005-001

Harvest/LOT ID: N/A

Batch#:25 Sampled: 06/08/20 **Ordered:** 06/08/20

Sample Size Received: 30 ml Completed: 06/16/20 Expires: 06/16/21

Sample Method: SOP Client Method

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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	638.000
DICHLOROMETHANE	15	ppm	600	PASS	ND
ETHANOL	120	ppm	5000	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
18	0.055g	06/10/20 09:06:59	18

Analysis Method -SOP.T.40.032 Analytical Batch -MO000657SOL Reviewed On - 06/10/20 11:45:28 Instrument Used: GCMS2010

Batch Date: 06/10/20 09:10:49

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).

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David Greene

Lab Director

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



06/16/2020

Signature



Kaycha Labs

Rift Mixed Berry 1500mg

Matrix: Derivative



Certificate of Analysis

PASSED

Pinnacle Hemp

2900 Davis Blvd Joplin, MO, 64801, USA Telephone: (833) 436-7283

Email: kevin@pinnacledistro.com

Sample: MO00609005-001

Harvest/LOT ID: N/A

Batch#:25

Sampled: 06/08/20 **Ordered:** 06/08/20

Sample Size Received: 30 ml

Completed: 06/16/20 Expires: 06/16/21 Sample Method: SOP Client Method

Page 5 of 5



Mycotoxins

PASSED



Heavy Metals

PASSED

Analyte	LOD	Units	Result	Action Level (PPM)	Reagent
AFLATOXIN G2	0.001	ppm	ND	0.02	110119.52
AFLATOXIN G1	0.001	ppm	ND	0.02	110119.44
AFLATOXIN B2	0.001	ppm	ND	0.02	112519.01
AFLATOXIN B1	0.001	ppm	ND	0.02	110119.36
OCHRATOXIN A+	0.001	ppm	ND	0.02	-
Analysis Method -SOB	T 30 060 SO	D T 40 060			Metal

Analytical Batch - | Reviewed On - 06/10/20 09:27:19 Instrument Used : Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	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 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

110119.56				
Metal	LOD	Unit	Result	Action Level (PPM
ARSENIC	0.02	ppm	ND	10
CADMIUM	0.02	ppm	ND	4.1
LEAD	0.02	ppm	ND	10
MERCURY	0.02	ppm	ND	2

Analyzed by	Weight	Extraction date	Extracted By
18	0.515g	06/10/20 09:06:15	18

Analysis Method -SOP.T.40.050, SOP.T.30.052 Analytical Batch -MO000655HEA | Reviewed On - 06/10/20 10:46:55 Instrument Used: ICP-MS 2030

Batch Date: 06/10/20 09:00:07



Microbials

PASSED

Result

not present in 1 gram

not present in 1 gram. not present in 1 gram.

not present in 1 gram.

not present in 1 gram not present in 1 gram. Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy 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. *Action Limits based on Colorado Regulations.

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 - 06/11/20 11:14:34 Instrument Used: Batch Date:

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

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.

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06/16/2020

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