

Kaycha Labs

Rift Pink Lemonade 1500mg

Matrix: Derivative



Certificate of Analysis Sample:MO00609004-001

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

Jun 16, 2020 | Pinnacle Hemp

2900 Davis Blvd Joplin, MO, 64801, USA



PRODUCT IMAGE

SAFETY RESULTS





PASSED





Heavy Metals **PASSED**



Microbials **PASSED**



Mycotoxins

PASSED

Residuals 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: 1574.955 mg



Total Cannabinoids

Total Cannabinoids/Container :1577.745 mg



Filth

PASSED

Weight Extraction date LOD(ppm) Extracted By NA NA

Analysis Method -SOP.T.40.013

Analytical Batch -NA Instrument Used:

Reviewed On - 06/09/20 13:48:25

Cannabinoid Profile Test

Analyzed by Weight Extraction date: Extracted By:

Reviewed On - 06/16/20 11:39:03 Analysis Method -SOP.T.40.020, SOP.T.30.050 Analytical Batch -MO000653POT Instrument Used: HPLC Potency Analyzer Batch Date: 06/09/20 13:56:06

Reagent 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 Pink Lemonade 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: MO00609004-001

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 (%)
ALPHA-CEDRENE	0.005	%	ND	
ALPHA-HUMULENE	0.005	%	ND	
ALPHA-PINENE	0.005	%	ND	
ALPHA-TERPINENE	0.005	%	ND	
BETA-MYRCENE	0.005	%	ND	
BETA-PINENE	0.005	%	ND	
BORNEOL	0.01	%	ND	
CAMPHENE	0.005	%	ND	
CAMPHOR	0.01	%	ND	
CARYOPHYLLENE OXIDE	0.005	%	ND	
CEDROL	0.005	%	ND	
ALPHA-BISABOLOL	0.005	%	ND	
ISOPULEGOL	0.01	%	ND	
CIS-NEROLIDOL	0.005	%	ND	
3-CARENE	0.005	%	ND	
FENCHYL ALCOHOL	0.005	%	ND	
HEXAHYDROTHYMOL	0.005	%	ND	
EUCALYPTOL	0.005	%	ND	
ISOBORNEOL	0.005	%	ND	
FENCHONE	0.01	%	ND	
GAMMA-TERPINENE	0.005	%	ND	
GERANIOL	0.005	%	ND	
GERANYL ACETATE	0.01	%	ND	
GUAIOL	0.005	%	ND	
LIMONENE	0.005	%	ND	
LINALOOL	0.01	%	ND	
NEROL	0.005	%	ND	
OCIMENE	0.005	%	ND	
ALPHA-PHELLANDRENE	0.005	%	ND	
PULEGONE	0.005	%	ND	
SABINENE	0.005	%	ND	

Terpenes	LOD	Units		Result (%)	
SABINENE HYDRATE	0.01	%	ND		
TERPINEOL	0.005	%	ND		
TERPINOLENE	0.005	%	ND		
TRANS- CARYOPHYLLENE	0.005	%	ND	4	
TRANS-NEROLIDOL	0.005	%	ND		
VALENCENE	0.005	%	ND		



Terpenes



Analyzed by	Weight	Extraction date	Extracted By
18	0.947g	06/10/20 09:06:08	18

Analysis Method -SOP.T.40.090

Analytical Batch -MO000656TER Reviewed On - 06/10/20 11:09:41

Instrument Used: GCMS8050 with Liquid Handler

Batch Date: 06/10/20 09:02:19

Dilution Consums. ID Reagent

Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS/MS.

0 Total

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David Greene

Lab Director

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06/16/2020

Signature



Kaycha Labs

Rift Pink Lemonade 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: MO00609004-001

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 3 of 5



PHOSMET

PIPERONYL BUTOXIDE

Ø	Pestic	ides						PAS	SED
Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Leve	el Result
ABAMECTIN B1A	0.020	ppm	0.5	ND	PRALLETHRIN	0.050	ppm	0.2	ND
ACEPHATE	0.010	ppm	0.5	ND	PROPICONAZOLE	0.010	ppm	0.4	ND
ACEQUINOCYL	0.02	ppm	2	ND	PROPOXUR	0.010	ppm	0.2	ND
ACETAMIPRID	0.010	ppm	0.2	ND	PYRETHRIN I	0.010		1	ND
ALDICARB	0.020	ppm	0.4	ND	PYRIDABEN	0.005	ppm	0.2	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND	SPINETORAM	0.005	ppm	0.5	ND
BIFENAZATE	0.010	ppm	0.2	ND	SPINOSAD (SPINOSY	(N A) 0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND	SPINOSAD (SPINOSY	(N D) 0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND	SPIROMESIFEN	0.010	ppm	0.2	ND
CARBARYL	0.010	ppm	0.2	ND	SPIROTETRAMAT	0.020		0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND	SPIROXAMINE	0.010	ppm	0.4	ND
CHLORANTRANILIPROL	E 0.010	ppm	0.2	ND	TEBUCONAZOLE	0.010	ppm	0.4	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND	THIACLOPRID	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND	THIAMETHOXAM	0.010	ppm	0.5	ND
COUMAPHOS	0.005	ppm	0.2	ND	TRIFLOXYSTROBIN	0.010	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND	P.F	D. Malda			PASSED
DAMINOZIDE	0.010	ppm	1 /	ND	E.	Pesticide	es		PASSED
DIAZANON	0.010	ppm	0.2	ND					
DICHLORVOS	0.050	ppm	0.1	ND	Analyzed by	Weight	Extraction date		racted By
DIMETHOATE	0.010	ppm	0.2	ND	9	1g	06/10/20 09:06:12	9	
DIMETHOMORPH	0.005	ppm	0.1	ND	Analysis Method - SOP Analytical Batch - MO0			eviewed On- 06/09/20 13:4	8:25
ETHOPROPHOS	0.010	ppm	0.2	ND	Instrument Used : LCM	ISMS 8060 P			
ETOFENPROX	0.010	ppm	0.4	ND	Batch Date : 06/09/20	12:01:05		\times	1 11/1
ETOXAZOLE	0.010	ppm	0.2	ND	Reagent 032420,04		Dilution	Consums. ID	
FENHEXAMID	0.005	ppm	0.1	ND	020420,06			GLC-06787 00280227	
FENOXYCARB	0.010	ppm	0.2	ND	103019.37 103019.35 103019.34			931CC	
FENPYROXIMATE	0.010	ppm	0.4	ND	103019-31	. /(.].(Λ Λ Λ Λ Λ Λ	
FIPRONIL	0.020	ppm	0.4	ND				down to below single digit es. (Method: SOP.T.30.060	
FLONICAMID	0.010	ppm	1	ND				ire for Pesticide Quantifica	
FLUDIOXONIL	0.010	ppm	0.4	ND		\rightarrow	++++	+++++	+ $+$ $+$ $+$
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					
OXAMYL	0.010	ppm	1 /	ND					
PACLOBUTRAZOL	0.010	ppm	0.4	ND					
PERMETHRINS	0.050	ppm	1	ND					
	0.000	b.b							

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0.2

ND

ND

ppm

ppm

0.010

0.010

David Greene

Lab Director

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Rift Pink Lemonade 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: MO00609004-001

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 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	529.000
DICHLOROMETHANE	15	ppm	600	PASS	ND
ETHANOL	120	ppm	5000	PASS	4996.000

Analyzed by	Weight	Extraction date	Extracted By
18	0.049g	06/10/20 09:06:59	18

Analysis Method -SOP.T.40.032 Analytical Batch -MO000657SOL Reviewed On - 06/10/20 11:42:00 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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Kaycha Labs

Rift Pink Lemonade 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: MO00609004-001

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 -SOP.T.30.060, SOP.T.40.060 Analytical Batch - | Reviewed On - 06/10/20 09:27:23 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.

110119.50				
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	0.503g	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 10:46:16 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 11:14:27 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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