

PRODUCED: AUG 26, 2024 20:47:42

**VARZ**

PINEAPPLE UPSIDE DOWN CAKE

**PASS**

**CERTIFICATE OF ANALYSIS**  
REGULATORY COMPLIANCE TESTING




POTENCY  
**TESTED**



TERPENES  
**TESTED**



MOISTURE  
**NT**




FOREIGN MATTER  
**NT**

**PASS**  
PESTICIDES  


**PASS**  
MYCOTOXINS  


**PASS**  
SOLVENTS  


**PASS**  
HEAVY METALS  


**PASS**  
MICROBIALS  


**CANNABINOID SUMMARY**

\*\* TOTAL THC = (THCA X 0.877) + THC | TOTAL CBD = (CBDA X 0.877) + CBD

**69.8695 %**  
TOTAL THC\*\*

**0.3479 %**  
TOTAL CBD\*\*

**91.1632 %**  
TOTAL CANNABINOIDS Q3

**TERPENOID SUMMARY**

TOTAL TERPENES Q3	3.52 %
α-PHELLANDRENE	1 %
α-PINENE	0.61 %
CIS-β-OCIMENE	0.45 %

**SAMPLE INFO**

**BATCH NO.:** 07312024F2R8PUCROS  
**LOT NO.:** 2408PS0083.0368  
**CULTIVAR:** PINEAPPLE UPSIDE DOWN CAKE  
**MATRIX:** CONCENTRATE  
**SUBMATRIX:** N/A  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** PS-240819-004  
**HARVEST/MFG DATE:** JUL 30, 2024 10:17:00  
**COLLECTED ON:** AUG 19, 2024 15:41:59  
**RECEIVED ON:** AUG 19, 2024 15:44:19  
**BATCH/SAMPLE SIZE:** 10 G / 9.93779 G  
**RECEIVED BY:** MIGUEL OLIVAS

**CULTIVATOR INFO**

**LICENSE**  
00000039DCVR00320237  
ADULT-USE AND MEDICINAL - CULTIVATOR  
LICENSE  
**CULTIVATOR**  
RAINBOW COLLECTIVE INC.  
2050 W PRICE STREET  
TUCSON, AZ 85705

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RESULTS CERTIFIED BY: ZACHARY ROY  
LAB DIRECTOR, PLANT SAFE

*Zachary Roy*





# HPLC-POT-L020: CANNABINOIDS BY HPLC | AUG 23, 2024 14:42:00, AUG 22, 2024

TESTED

ANALYTE	LOQ (mg/g)	LIMIT	AMT	AMT	ANALYTE	LOQ (mg/g)	LIMIT	AMT	AMT	
CBC	Q3	1.00	ND	ND	CBN	Q3	1.00	ND	ND	
CBCA	Q3	2.00	25.902 mg/g	2.5902 %	CBNA	Q3	1.00	ND	ND	
CBD	1.00		1.090 mg/g	0.1090 %	Δ <sup>8</sup> -THC	Q3	1.00	ND	ND	
CBDA	1.00		2.724 mg/g	0.2724 %	Δ <sup>9</sup> -THC	1.00		20.343 mg/g	2.0343 %	
CBDV	Q3	1.00	ND	ND	THCA	D1	8.00	773.491 mg/g	77.3491 %	
CBDVA	Q3	1.00	ND	ND	THCV	Q3	1.00	ND	ND	
CBG	Q3	1.00	ND	ND	THCVA	Q3	1.00	29.386 mg/g	2.9386 %	
CBGA	Q3	1.00	58.696 mg/g	5.8696 %	<b>TOTAL THC**</b>			698.695 mg/g	69.8695 %	N/A
CBL	Q3	1.00	ND	ND	<b>TOTAL CBD**</b>			3.479 mg/g	0.3479 %	N/A

\*\* TOTAL CBD = (CBDA X 0.877) + CBD  
\*\* TOTAL THC = (THCA X 0.877) + THC



# GC-TRP-L024: TERPENES BY GC-MS | AUG 21, 2024 11:08:00

TESTED

ANALYTE	LOQ (mg/g)	AMT	AMT	ANALYTE	LOQ (mg/g)	AMT	AMT
α-PHELLANDRENE	Q3	0.02	10.0 mg/g 1.00 %	(+)-PULEGONE	Q3	0.02	ND ND
α-PINENE	Q3	0.02	6.1 mg/g 0.61 %	(-)-GUAJOL	Q3	0.02	ND ND
CIS-β-OCIMENE	Q3	0.02	4.5 mg/g 0.45 %	(-)-ISOPULEGOL	Q3	0.02	ND ND
TRANS-β-CARYOPHYLLENE	Q3	0.02	3.7 mg/g 0.37 %	(1R)-ENDO-(+)-FENCHYL ALCOHOL	Q3	0.02	ND ND
LINALOOL	Q3	0.02	3.6 mg/g 0.36 %	α-CEDRENE	Q3	0.02	ND ND
α-HUMULENE	Q3	0.02	2.3 mg/g 0.23 %	BORNEOL	Q3	0.02	ND ND
(-)-α-BISABOLOL	Q3	0.02	1.5 mg/g 0.15 %	CAMPHOR	Q3	0.02	ND ND
(-)-β-PINENE	Q3	0.02	1.4 mg/g 0.14 %	CIS-NEROLIDOL	Q3	0.02	ND ND
γ-TERPINENE	Q3	0.02	0.4 mg/g 0.04 %	Δ <sup>3</sup> -CARENE	Q3	0.02	ND ND
α-TERPINEOL	Q3	0.02	0.3 mg/g 0.03 %	EUCALYPTOL	Q3	0.02	ND ND
α-OCIMENE	Q3	0.02	0.2 mg/g 0.02 %	FENCHONE	Q3	0.02	ND ND
α-TERPINENE	Q3	0.02	0.2 mg/g 0.02 %	γ-TERPINEOL	Q3	0.02	ND ND
β-MYRCENE	Q3	0.02	0.2 mg/g 0.02 %	GERANIOL	Q3	0.02	ND ND
D-LIMONENE	Q3	0.02	0.2 mg/g 0.02 %	GERANYL ACETATE	Q3	0.02	ND ND
SABINENE HYDRATE	Q3	0.02	0.2 mg/g 0.02 %	ISOBORNEOL	Q3	0.02	ND ND
(-)-CARYOPHYLLENE OXIDE	Q3	0.02	0.1 mg/g 0.01 %	MENTHOL	Q3	0.02	ND ND
CAMPHENE	Q3	0.02	0.1 mg/g 0.01 %	NEROL	Q3	0.02	ND ND
SABINENE	Q3	0.02	0.1 mg/g 0.01 %	TRANS-NEROLIDOL	Q3	0.02	ND ND
TERPINOLENE	Q3	0.02	0.1 mg/g 0.01 %	VALENCENE	Q3	0.02	ND ND
(+)-CEDROL	Q3	0.02	ND ND	<b>TOTAL TERPENES</b>	Q3		35.2 mg/g 3.52 %



# ICP-HVY-L021: HEAVY METALS BY ICP-MS | AUG 20, 2024 13:35:00

PASS

ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL	ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL
ARSENIC	0.20	0.4	ND	PASS	LEAD	0.50	1	ND	PASS
CADMIUM	0.20	0.4	ND	PASS	MERCURY	0.10	0.2	ND	PASS

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RESULTS CERTIFIED BY: ZACHARY ROY  
LAB DIRECTOR, PLANT SAFE

Zachary Roy





# LC-PES-L022: PESTICIDES BY LC-MS/MS | AUG 21, 2024 09:27:00

PASS

ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL	ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL
ABAMECTIN	0.25	0.5	ND	PASS	IMIDACLOPRID	0.20	0.4	ND	PASS
ACEPHATE	0.20	0.4	ND	PASS	KRESOXIM-METHYL	0.20	0.4	ND	PASS
ACETAMIPRID	0.10	0.2	ND	PASS	MALATHION	0.10	0.2	ND	PASS
ALDICARB	0.20	0.4	ND	PASS	METALAXYL	0.10	0.2	ND	PASS
AZOXYSTROBIN	0.10	0.2	ND	PASS	METHIOCARB	0.10	0.2	ND	PASS
BIFENAZATE	0.10	0.2	ND	PASS	METHOMYL	0.20	0.4	ND	PASS
BIFENTHRIN	0.10	0.2	ND	PASS	MYCLOBUTANIL	0.10	0.2	ND	PASS
BOSCALID	0.20	0.4	ND	PASS	NALED	0.25	0.5	ND	PASS
CARBARYL	0.10	0.2	ND	PASS	OXAMYL	0.50	1	ND	PASS
CARBOFURAN	0.10	0.2	ND	PASS	PACLOBUTRAZOL	0.20	0.4	ND	PASS
CHLORANTRANILIPROLE	0.10	0.2	ND	PASS	PERMETHRIN	0.10	0.2	ND	PASS
CHLORFENAPYR	0.50	1	ND	PASS	PHOSMET	0.10	0.2	ND	PASS
CHLORPYRIFOS	0.10	0.2	ND	PASS	PIPERONYLBUTOXIDE	1.00	2	ND	PASS
CLOFENTEZINE	0.10	0.2	ND	PASS	PRALLETHRIN	0.10	0.2	ND	PASS
CYFLUTHRIN	0.50	1	ND	PASS	PROPICONAZOLE	0.20	0.4	ND	PASS
CYPERMETHRIN	0.50	1	ND	PASS	PROPOXUR	0.10	0.2	ND	PASS
DAMINOZIDE	0.50	1	ND	PASS	PYRETHRINS	0.50	1	ND	PASS
DIAZINON	0.10	0.2	ND	PASS	PYRETHRINS PYRETHRIN I	0.50		ND	N/A
DICHLORVOS	0.05	0.1	ND	PASS	PYRETHRINS PYRETHRIN II	0.50		ND	N/A
DIMETHOATE	0.10	0.2	ND	PASS	PYRIDABEN	0.10	0.2	ND	PASS
ETHOPROPHOS	0.10	0.2	ND	PASS	SPINOSAD	0.10	0.2	ND	PASS
ETOFENPROX	0.20	0.4	ND	PASS	SPINOSAD A	0.10		ND	N/A
ETOXAZOLE	0.10	0.2	ND	PASS	SPINOSAD D	0.10		ND	N/A
FENOXYCARB	0.10	0.2	ND	PASS	SPIROMESIFEN	0.10	0.2	ND	PASS
FENPYROXIMATE	0.20	0.4	ND	PASS	SPIROTETRAMAT	0.10	0.2	ND	PASS
FIPRONIL	0.20	0.4	ND	PASS	SPIROXAMINE	0.20	0.4	ND	PASS
FLONICAMID	0.50	1	ND	PASS	TEBUCONAZOLE	0.20	0.4	ND	PASS
FLUDIOXONIL	0.20	0.4	ND	PASS	THIACLOPRID	0.10	0.2	ND	PASS
HEXYTHIAZOX	0.50	1	ND	PASS	THIAMETHOXAM	0.10	0.2	ND	PASS
IMAZALIL	0.10	0.2	ND	PASS	TRIFLOXYSTROBIN	0.10	0.2	ND	PASS



# LC-MYC-L022: MYCOTOXINS BY LC-MS/MS | AUG 21, 2024 09:27:00

PASS

ANALYTE	LOQ (µg/kg)	LIMIT (µg/kg)	AMT (µg/kg)	PASS/FAIL	ANALYTE	LOQ (µg/kg)	LIMIT (µg/kg)	AMT (µg/kg)	PASS/FAIL
AFLATOXINS		20	ND	PASS	AFLATOXIN G1	10.00		ND	N/A
AFLATOXIN B1	10.00		ND	N/A	AFLATOXIN G2	10.00		ND	N/A
AFLATOXIN B2	10.00		ND	N/A	OCHRATOXIN A	10.00	20	ND	PASS



# GC-RSO-L023: RESIDUAL SOLVENTS BY GC-MS | AUG 26, 2024 12:29:00

PASS

ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL	ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL
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RESULTS CERTIFIED BY: ZACHARY ROY  
LAB DIRECTOR, PLANT SAFE

*Zachary Roy*



ACETONE	400.00	1000	< LOQ	PASS	3-METHYLPENTANE	120.00		ND	N/A
ACETONITRILE	160.00	410	ND	PASS	2,2-DIMETHYLBUTANE	120.00		ND	N/A
BENZENE	V1 L1 1.00	2	ND	PASS	2,3-DIMETHYLBUTANE	120.00		ND	N/A
BUTANES		5000	ND	PASS	ISOPROPYL ACETATE	2000.00	5000	ND	PASS
BUTANE	2000.00		ND	N/A	ISOPROPYL ALCOHOL	2000.00	5000	ND	PASS
ISOBUTANE	2000.00		ND	N/A	METHANOL	1200.00	3000	ND	PASS
CHLOROFORM	30.00	60	ND	PASS	PENTANES		5000	ND	PASS
DICHLOROMETHANE	240.00	600	ND	PASS	PENTANE	2000.00		ND	N/A
ETHANOL	2000.00	5000	ND	PASS	ISOPENTANE	2000.00		ND	N/A
ETHYL ACETATE	2000.00	5000	ND	PASS	NEOPENTANE	2000.00		ND	N/A
ETHYL ETHER	2000.00	5000	ND	PASS	TOLUENE	400.00	890	ND	PASS
HEPTANE	2000.00	5000	ND	PASS	TOTAL XYLENES		2170	ND	PASS
HEXANES		290	ND	PASS	O-XYLENE	864.00		ND	N/A
HEXANE	120.00		ND	N/A	P- AND M-XYLENE	1736.00		ND	N/A
2-METHYLPENTANE	120.00		ND	N/A	ETHYLBENZENE	864.00		ND	N/A



### PCR-ASP-L017: ASPERGILLUS BY QPCR | AUG 22, 2024 09:41:00

PASS

ANALYTE	LIMIT	AMT (in one gram)	PASS/FAIL	ANALYTE	LIMIT	AMT (in one gram)	PASS/FAIL
ASPERGILLUS FLAVUS	Any	ND	PASS	ASPERGILLUS NIGER	Any	ND	PASS
ASPERGILLUS FUMIGATUS	Any	ND	PASS	ASPERGILLUS TERREUS	Any	ND	PASS



### TMP-ECO-L018: E. COLI BY PETRI-FILM | AUG 21, 2024 10:33:00

PASS

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
ESCHERICHIA COLI	100	<10	PASS



### PCR-SAL-L016: SALMONELLA BY QPCR | AUG 21, 2024 11:26:00

PASS

ANALYTE	LIMIT	AMT (in one gram)	PASS/FAIL
SALMONELLA SPP.	Any	ND	PASS

#### NOTES

ZACHARY ROY  
AUG 25, 2024  
2408PS0083.0368 HARVEST DATE: 7/30/2024 MANUFACTURE DATE: 8/5/2024

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RESULTS CERTIFIED BY: ZACHARY ROY  
LAB DIRECTOR, PLANT SAFE

Zachary Roy





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RESULTS CERTIFIED BY: ZACHARY  
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