

PLANT SAFE | 3450 S BROADMONT DRIVE SUITE 104 TUCSON AZ 85713 | 520-777-7340 AZ LICENSE: 0000027LRCIV79455472

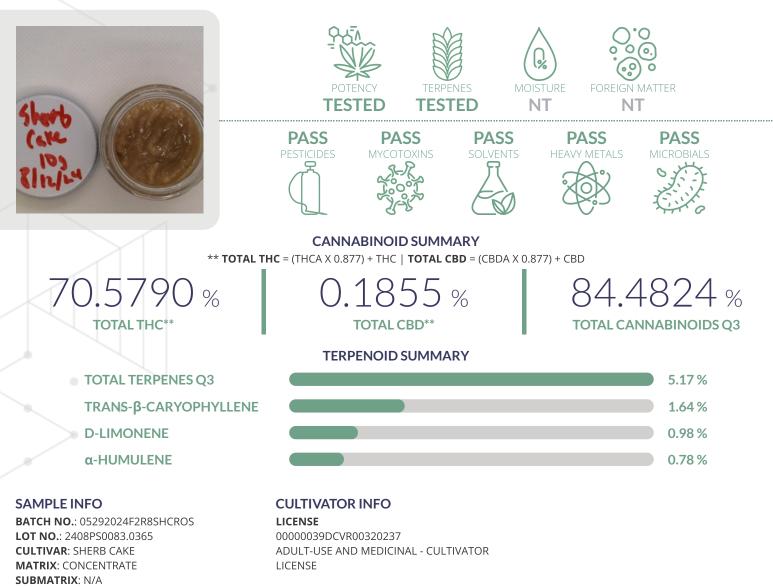


PRODUCED: AUG 26, 2024 20:42:00

**VARZ** SHERB CAKE

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### CERTIFICATE OF ANALYSIS REGULATORY COMPLIANCE TESTING



#### CULTIVATOR

RAINBOW COLLECTIVE INC. 2050 W PRICE STREET TUCSON, AZ 85705

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RESULTS CERTIFIED BY: ZACHARY ROY LAB DIRECTOR, PLANT SAFE AUG 26, 2024 Zachary Doy



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**CATEGORY: INHALABLE** 

SAMPLE ID: PS-240819-001

HARVEST/MFG DATE: MAY 29, 2024 09:50:00

COLLECTED ON: AUG 19, 2024 15:41:59

**RECEIVED ON**: AUG 19, 2024 15:44:18 **BATCH/SAMPLE SIZE**: 11 G / 10.1210 G **RECEIVED BY**: MIGUEL OLIVAS



### HPLC-POT-L020: CANNABINOIDS BY HPLC | AUG 23, 2024 14:42:00, AUG 22, 20

ANALYTE		LOQ (mg/g)			ANALYTE		LOQ (mg/g)	LIMIT			
СВС	Q3	1.00	ND	ND	CBN	Q3	1.00		< LOQ	< LOQ	N/A
СВСА	Q3	2.00	8.908 mg/g	0.8908 %	CBNA	Q3	1.00		ND	ND	
CBD		1.00	ND	ND	Δ <sup>8</sup> -THC	Q3	1.00		ND	ND	
CBDA		1.00	2.115 mg/g	0.2115 %	Δ <sup>9</sup> -THC		1.00		12.672 mg/g	1.2672 %	
CBDV	Q3	1.00	ND	ND	THCA	D1	8.00		790.328 mg/g	79.0328 %	
CBDVA	Q3	1.00	ND	ND	тнсу	Q3	1.00		ND	ND	
CBG	Q3	1.00	4.016 mg/g	0.4016 %	THCVA	Q3	1.00		2.255 mg/g	0.2255 %	
CBGA	Q3	1.00	24.530 mg/g	2.4530 %	TOTAL THC**				705.790 mg/g	70.5790 %	N/A
CBL	Q3	1.00	ND	ND	TOTAL CBD**				1.855 mg/g	0.1855 %	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

TESTED

ANALYTE		LOQ (mg/g)	AMT	AMT	ANALY	E	LOQ (mg/g	) AMT	AMT	
TRANS-β-CARYOPHYLLENE	Q3	0.02	16.4 mg/g	1.64 %	(-)-ISOP	ULEGOL Q3	0.02	ND	ND	
D-LIMONENE	Q3	0.02	9.8 mg/g	0.98 %	α-CEDR	ENE Q3	0.02	ND	ND	
α-HUMULENE	Q3	0.02	7.8 mg/g	0.78 %	α-ΟϹΙΜ	ENE Q3	0.02	ND	ND	
LINALOOL	Q3	0.02	7.7 mg/g	0.77 %	α-PHEL	ANDRENE Q3	0.02	ND	ND	
(-)-β-PINENE	Q3	0.02	2.1 mg/g	0.21 %	α-TERPI	NENE Q3	0.02	ND	ND	
(1R)-ENDO-(+)-FENCHYL ALCOHOL	Q3	0.02	2.1 mg/g	0.21 %	САМРН	OR Q3	0.02	ND	ND	
α-TERPINEOL	Q3	0.02	1.8 mg/g	0.18 %	CIS-β-O	CIMENE Q3	0.02	ND	ND	
α-ΡΙΝΕΝΕ	Q3	0.02	1.5 mg/g	0.15 %	CIS-NEF	OLIDOL Q3	0.02	ND	ND	
β-MYRCENE	Q3	0.02	0.5 mg/g	0.05 %	Δ <sup>3</sup> -CARI	Q3	0.02	ND	ND	
CAMPHENE	Q3	0.02	0.5 mg/g	0.05 %	EUCALY	PTOL Q3	0.02	ND	ND	
(-)-CARYOPHYLLENE OXIDE	Q3	0.02	0.4 mg/g	0.04 %	y-TERPI	NENE Q3	0.02	ND	ND	
BORNEOL	Q3	0.02	0.3 mg/g	0.03 %	y-TERPI	NEOL Q3	0.02	ND	ND	
GERANIOL	Q3	0.02	0.3 mg/g	0.03 %	GERAN	VLACETATE Q3	0.02	ND	ND	
(-)-α-BISABOLOL	Q3	0.02	0.2 mg/g	0.02 %	ISOBOR	NEOL Q3	0.02	ND	ND	
FENCHONE	Q3	0.02	0.1 mg/g	0.01 %	MENTH	OL Q3	0.02	ND	ND	
NEROL	Q3	0.02	0.1 mg/g	0.01 %	SABINE	NE Q3	0.02	ND	ND	
TERPINOLENE	Q3	0.02	0.1 mg/g	0.01 %	SABINE	NE HYDRATE Q3	0.02	ND	ND	
(+)-CEDROL	Q3	0.02	ND	ND	TRANS-	NEROLIDOL Q3	0.02	ND	ND	
(+)-PULEGONE	Q3	0.02	ND	ND	VALENO	ene Q3	0.02	ND	ND	
(-)-GUAIOL	Q3	0.02	ND	ND	TOTAL	<b>ERPENES</b> Q3		51.7 mg/g	5.17 %	



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

PASS

ANALYTE	LOQ (ppm)				ANALYTE	LOQ (ppm)	LIMIT (ppm)		
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** LAB DIRECTOR, PLANT SAFE AUG 26, 2024



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

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	< LOQ	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	< LOQ	PASS
DIAZINON	0.10	0.2	ND	PASS	PYRETHRINS PYRETHRIN I	0.50		< LOQ	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

ANALYTE	LOQ (µg/kg)	LIMIT (µg/kg)	AMT (µg/kg)		ANALYTE	LOQ (µg/kg)	LIMIT (µg/kg)	AMT (µg/kg)	
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
冗									
EN co						( ))) / 1), (	0.00		PASS
					<b>C-MS</b>   AUG 26				

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PASS

PASS

ACETONE		400.00	1000	< LOQ	PASS
ACETONITRILE		160.00	410	ND	PASS
BENZENE	V1 L1	1.00	2	ND	PASS
BUTANES			5000	ND	PASS
BUTANE		2000.00		ND	N/A
ISOBUTANE		2000.00		ND	N/A
CHLOROFORM		30.00	60	ND	PASS
DICHLOROMETHANE		240.00	600	ND	PASS
ETHANOL		2000.00	5000	ND	PASS
ETHYL ACETATE		2000.00	5000	ND	PASS
ETHYL ETHER		2000.00	5000	ND	PASS
HEPTANE		2000.00	5000	ND	PASS
HEXANES			290	ND	PASS
HEXANE		120.00		ND	N/A
2-METHYLPENTANE		120.00		ND	N/A

3-METHYLPENTANE	120.00		ND	N/A	
2,2-DIMETHYLBUTANE	120.00		ND	N/A	
2,3-DIMETHYLBUTANE	120.00		ND	N/A	
ISOPROPYL ACETATE	2000.00	5000	ND	PASS	
ISOPROPYL ALCOHOL	2000.00	5000	ND	PASS	
METHANOL	1200.00	3000	ND	PASS	
PENTANES		5000	ND	PASS	
PENTANE	2000.00		ND	N/A	
ISOPENTANE	2000.00		ND	N/A	
NEOPENTANE	2000.00		ND	N/A	
TOLUENE	400.00	890	ND	PASS	
TOTAL XYLENES		2170	ND	PASS	
O-XYLENE	864.00		ND	N/A	
P- AND M-XYLENE	1736.00		ND	N/A	
ETHYLBENZENE	864.00		ND	N/A	



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

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
>							
st. t							$\sim$
	CO 1010. F				2.00		PASS
C IMP-E	CO-L018: E.	COLIBYPEI	RI-FILMI   A	AUG 21, 2024 10:33	3:00		
ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL				
ESCHERICHIA COLI	100	<10	PASS				
0.1.7							
y. F							PASS
PCR-SA	AL-L016: SAI	LMONELLA B	Y QPCR   A	AUG 21, 2024 11:26	5:00		PAJJ
ANALYTE	LIMIT A	AMT (in one gram)	PASS/FAIL				
SALMONELLA SPP.	Any	ND	PASS			<u> </u>	
NOTES							4
ACHARY ROY	2408PS0083.0365	HARVEST DATE 5/29/2024	MANUFACTURE DATE	8/5/2024			
AUG 25, 2024							

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PASS



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RESULTS CERTIFIED BY: ZACHARY ROY LAB DIRECTOR, PLANT SAFE AUG 26, 2024

