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Certificate of Analysis

AZDHS Certification # 00000005LCMI00301434

PJLA
Accreditation No.: 96186
Certificate No.: L22-417-R1

Catalina Hills / Venom
2046 W Ironwood Dr
Phoenix, AZ 85021
19289654611
Lic#: 00000016DCCC00020807

FINAL

Sample: S310082-01
CC ID#: 2310C4L0073.3381
Lot#: N/A
Batch#: BBA101323-2
Batch Size: N/A

Sample Name: Cactus Cake Batter-I
Strain Name: Cactus
Matrix: Concentrates_Extracts
Amount Received: 26.9887 g

Sample Collected: 10/18/2023 13:08
Sample Received: 10/19/2023 13:21
Report Created: 10/26/2023 17:36

SAFETY

Microbials	Residual Solvents	Mycotoxins	Pesticides
PASS	PASS	PASS	PASS

Metals
PASS

Terpenes

Total Terpenes (Q3)

Cannabinoid Results

81.2%	73.0%	<LOQ	RATIO
Sum of Cannabinoids (Q3)	Total THC	Total CBD	1 : 0 THC CBD

Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 10/23/2023 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCA	1.48	66.0	660	
d9-THC	1.48	15.1	151	
d8-THC	1.48	<LOQ	< LOQ	
CBDA	1.48	<LOQ	< LOQ	
CBD	1.48	<LOQ	< LOQ	M1
CBG	1.48	<LOQ	< LOQ	
CBN	1.48	<LOQ	< LOQ	
CBC	1.48	<LOQ	< LOQ	
Sum of Cannabinoids	1.48	81.2	812	Q3
Total THC	1.48	73.0	730	
Total CBD	1.48	<LOQ	< LOQ	
Total Cannabinoids	1.48	73.0	730	Q3

Total THC= THCA * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.

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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 10/23/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-006

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Abamectin	0.120	0.5	<LOQ		Pass
Acephate	0.100	0.4	<LOQ		Pass
Acetamiprid	0.050	0.2	<LOQ		Pass
Aldicarb	0.100	0.4	<LOQ		Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass
Bifenazate	0.050	0.2	<LOQ		Pass
Bifenthrin	0.050	0.2	<LOQ		Pass
Boscalid	0.100	0.4	<LOQ	V1	Pass
Carbaryl	0.050	0.2	<LOQ	V1	Pass
Carbofuran	0.050	0.2	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ	I1	Pass
Chlorfenapyr	0.499	1.0	<LOQ	V1	Pass
Chlorpyrifos	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ		Pass
Cyfluthrin	0.499	1.0	<LOQ	I1	Pass
Cypermethrin	0.249	1.0	<LOQ		Pass
Daminozide	0.499	1.0	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass
Dichlorvos	0.050	0.1	<LOQ		Pass
Dimethoate	0.050	0.2	<LOQ		Pass
Ethoprophos	0.050	0.2	<LOQ	V1	Pass
Etofenprox	0.100	0.4	<LOQ		Pass
Etoxazole	0.050	0.2	<LOQ		Pass
Fenoxycarb	0.050	0.2	<LOQ		Pass
Fenpyroximate	0.100	0.4	<LOQ		Pass
Fipronil	0.100	0.4	<LOQ	V1	Pass
Flonicamid	0.249	1.0	<LOQ	V1	Pass
Fludioxonil	0.100	0.4	<LOQ	V1	Pass
Hexythiazox	0.249	1.0	<LOQ		Pass

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Imazalil	0.100	0.2	<LOQ		Pass
Imidacloprid	0.100	0.4	<LOQ		Pass
Kresoxim-methyl	0.100	0.4	<LOQ		Pass
Malathion	0.050	0.2	<LOQ		Pass
Metalaxyl	0.100	0.2	<LOQ		Pass
Methiocarb	0.050	0.2	<LOQ		Pass
Methomyl	0.100	0.4	<LOQ		Pass
Myclobutanil	0.050	0.2	<LOQ		Pass
Naled	0.125	0.5	<LOQ	V1	Pass
Oxamyl	0.249	1.0	<LOQ		Pass
Paclobutrazol	0.100	0.4	<LOQ		Pass
Permethrins	0.050	0.2	<LOQ		Pass
Phosmet	0.050	0.2	<LOQ		Pass
Piperonyl butoxide	0.499	2.0	<LOQ		Pass
Prallethrin	0.100	0.2	<LOQ		Pass
Propiconazole	0.100	0.4	<LOQ		Pass
Propoxur	0.050	0.2	<LOQ		Pass
Pyrethrins	0.321	1.0	<LOQ		Pass
Pyridaben	0.050	0.2	<LOQ		Pass
Spinosad	0.050	0.2	<LOQ	I1	Pass
Spiromesifen	0.050	0.2	<LOQ		Pass
Spirotetramat	0.050	0.2	<LOQ		Pass
Spiroxamine	0.100	0.4	<LOQ		Pass
Tebuconazole	0.100	0.4	<LOQ		Pass
Thiacloprid	0.050	0.2	<LOQ		Pass
Thiamethoxam	0.050	0.2	<LOQ		Pass
Trifloxystrobin	0.050	0.2	<LOQ		Pass

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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 10/25/2023 Analyst Initials: RSS SOP: C4-SOP-CHEM-008

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Arsenic	0.100	0.4	<LOQ	V1	Pass
Cadmium	0.100	0.4	<LOQ	V1	Pass
Lead	0.400	1.0	<LOQ	V1	Pass
Mercury	0.400	1.2	<LOQ		Pass

Mycotoxins by ELISA- Compliance

Pass

Date Analyzed: 10/25/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-014

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	<LOQ		Pass
Ochratoxin A	4.00	20	<LOQ		Pass

Total Aflatoxins includes Aflatoxins B1, B2, G1, and G2.

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Microbials

Pass

E. coli by 3M Petrifilm- Compliance

Date Analyzed: 10/24/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-010

Analyte	LOQ	Limit	Result	Qualifier	Status
	CFU/g	CFU/g	CFU/g		
E. coli	10	100	<10		Pass

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 10/25/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-013

Analyte	Result	Qualifier	Status
	in one gram		
Salmonella spp.	Not Detected		Pass
Aspergillus	Not Detected		Pass

Aspergillus includes species flavus, fumigatus, niger, and terreus. Salmonella and Aspergillus by Medicinal Genomics.

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Residual Solvents by Headspace GC/MS - Compliance

Pass

Date Analyzed: 10/25/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-005

Analyte	LOQ	Limit	Result Qualifier	Status
	ppm	ppm	ppm	
Acetone	123	1000	<LOQ	Pass
Acetonitrile	49.0	410	<LOQ	Pass
Benzene	0.980	2	<LOQ	Pass
Butanes	613	5000	1790	Pass
n-Butane	613		1790	
iso-Butane	613		<LOQ	
Chloroform	14.7	60	<LOQ	Pass
Dichloromethane	73.5	600	<LOQ	Pass
Ethanol	613	5000	<LOQ	Pass
Ethyl acetate	613	5000	<LOQ	Pass
Diethyl Ether	613	5000	<LOQ	Pass
n-Heptane	613	5000	<LOQ	Pass
Hexanes	39.2	290	<LOQ	Pass
n-Hexane	39.2		<LOQ	
3-Methylpentane	39.2		<LOQ	

Analyte	LOQ	Limit	Result Qualifier	Status
	ppm	ppm	ppm	
2,2-Dimethylbutane	39.2		<LOQ	
2-methylpentane/2, 3-dimethylbutane	78.4		<LOQ	
2-Propanol (IPA)	613	5000	<LOQ	Pass
Isopropyl acetate	613	5000	<LOQ	Pass
Methanol	368	3000	<LOQ	Pass
Pentanes	613	5000	<LOQ	Pass
n-Pentane	613		<LOQ	
iso-pentane	613		<LOQ	
neo-Pentane	613		<LOQ	
Toluene	113	890	<LOQ	Pass
Xylenes	270	2170	<LOQ	Pass
m/p-Xylene	539		<LOQ	
o-Xylene	270		<LOQ	
Ethyl benzene	270		<LOQ	

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Notes and Definitions

Item	Definition
I1	Interference. Relative intensity of a characteristic ion in the sample analyte exceeded 30% of the relative intensity in the reference spectrum.
M1	Matrix Spike recovery was higher than control limit but recovery of the LCS was within control limits.
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025.
V1	CCV recovery exceeded control limits but the sample analyte concentration was below maximum allowable concentrations in table 3.1
< LOQ	Results below the Limit of Quantification.
Limit	Maximum allowable concentration as defined by Table 3.1 in Arizona Administrative code (A.A.C.) Title 9, Chapter 17
CFU/g	Colony forming units per gram
ppm	Parts per million
ppb	Parts per billion
NT	Not Tested

Sum of Cannabinoids = THCA + d9-THC + CBDA + CBD + d8-THC + CBG + CBN + CBC

Total Cannabinoids = Total THC + Total CBD + d8-THC + CBG + CBN + CBC

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