

CMS Ventures - GSI
13454 N. Black Canyon Hwy
Phoenix, AZ 85029
14804570860
Lic#: 00000014ESNA15249640

Sample: S308130-09
CC ID#: 2308C4L0124.2654
Lot#: N/A
Batch#: 0830FTCLHR
Batch Size: N/A

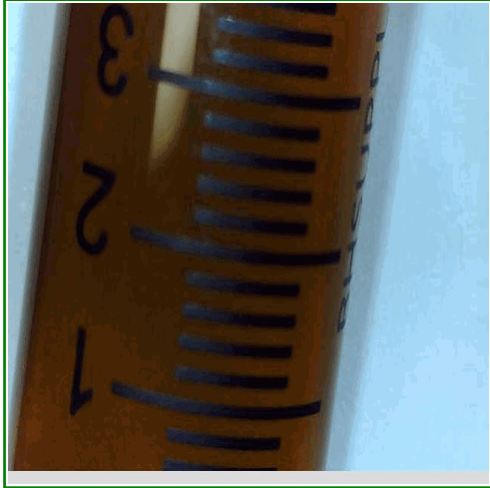
FINAL

Sample Name: Live Hash Rosin - Fat Cherries

Strain Name: Fat Cherries
Matrix: Concentrates_Extracts
Amount Received: 16.4700 g

Sample Collected: 08/31/2023 7:00
Sample Received: 08/31/2023 15:58
Report Created: 09/07/2023 20:52

SAFETY



Microbials PASS	Residual Solvents PASS	Mycotoxins PASS	Pesticides PASS
Metals PASS			

Terpenes

5.22%
Total Terpenes (Q3)

Cannabinoid Results

86.7% Sum of Cannabinoids (Q3)	83.5% Total THC	<LOQ Total CBD	RATIO 1 : 0 THC : CBD
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Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD



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Technical Laboratory Director

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 09/06/2023 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCA	1.49	<LOQ	< LOQ	
d9-THC	1.49	83.5	835	
d8-THC	1.49	<LOQ	< LOQ	
CBDA	1.49	<LOQ	< LOQ	
CBD	1.49	<LOQ	< LOQ	M1
CBG	1.49	3.16	31.6	
CBN	1.49	<LOQ	< LOQ	
CBC	1.49	<LOQ	< LOQ	
Sum of Cannabinoids	1.49	86.7	867	Q3
Total THC	1.49	83.5	835	
Total CBD	1.49	<LOQ	< LOQ	
Total Cannabinoids	1.49	86.7	867	Q3

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

Terpenes by GC-FID- Noncompliance

Date Analyzed: 09/07/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-012

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
beta-Caryophyllene	0.069	1.74	17.4	Q3
Limonene	0.069	1.09	10.9	Q3
beta-Myrcene	0.069	0.576	5.76	Q3
Linalool	0.069	0.561	5.61	Q3
alpha-Humulene	0.069	0.516	5.16	Q3
alpha-Bisabolol	0.069	0.384	3.84	Q3
beta-Pinene	0.069	0.181	1.81	Q3
alpha-Pinene	0.069	0.168	1.68	Q3
p-Cymene	0.069	<LOQ	< LOQ	Q3
gamma-Terpinene	0.069	<LOQ	< LOQ	Q3
Caryophyllene Oxide	0.069	<LOQ	< LOQ	Q3
Eucalyptol	0.069	<LOQ	< LOQ	Q3
Guaiol	0.069	<LOQ	< LOQ	Q3
cis-Nerolidol	0.069	<LOQ	< LOQ	Q3
Geraniol	0.069	<LOQ	< LOQ	Q3
Isopulegol	0.069	<LOQ	< LOQ	Q3
Terpinolene	0.069	<LOQ	< LOQ	Q3
Ocimene	0.069	<LOQ	< LOQ	Q3
alpha-Terpinene	0.069	<LOQ	< LOQ	Q3
3-Carene	0.069	<LOQ	< LOQ	Q3
Camphene	0.069	<LOQ	< LOQ	Q3
Total Terpenes		5.216	52.16	

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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 09/05/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-006

Analyte	LOQ	Limit	Result	Qualifier	Status	Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.117	0.5	<LOQ	L1, V1	Pass	Hexythiazox	0.243	1.0	<LOQ	L1, V1	Pass
Acephate	0.097	0.4	<LOQ		Pass	Imazalil	0.097	0.2	<LOQ	M1	Pass
Acequinocyl	0.485	2.0	<LOQ	M1	Pass	Imidacloprid	0.097	0.4	<LOQ		Pass
Acetamiprid	0.049	0.2	<LOQ		Pass	Kresoxim-methyl	0.097	0.4	<LOQ	L1, V1	Pass
Aldicarb	0.097	0.4	<LOQ	V1	Pass	Malathion	0.049	0.2	<LOQ	V1	Pass
Azoxystrobin	0.049	0.2	<LOQ		Pass	Metalaxyl	0.097	0.2	<LOQ		Pass
Bifenazate	0.049	0.2	<LOQ	M1	Pass	Methiocarb	0.049	0.2	<LOQ	M1	Pass
Bifenthrin	0.049	0.2	<LOQ		Pass	Methomyl	0.097	0.4	<LOQ		Pass
Boscalid	0.097	0.4	<LOQ		Pass	Myclobutanil	0.049	0.2	<LOQ		Pass
Carbaryl	0.049	0.2	<LOQ	V1	Pass	Naled	0.121	0.5	<LOQ	L1, V1	Pass
Carbofuran	0.049	0.2	<LOQ		Pass	Oxamyl	0.243	1.0	<LOQ		Pass
Chlorantraniliprole	0.049	0.2	<LOQ		Pass	Paclobutrazol	0.097	0.4	<LOQ		Pass
Chlorfenapyr	0.485	1.0	<LOQ	M2	Pass	Permethrins	0.049	0.2	<LOQ		Pass
Chlorpyrifos	0.049	0.2	<LOQ	V1	Pass	Phosmet	0.049	0.2	<LOQ	L1, V1	Pass
Clofentezine	0.049	0.2	<LOQ		Pass	Piperonyl butoxide	0.485	2.0	<LOQ		Pass
Cyfluthrin	0.485	1.0	<LOQ	L1, V1	Pass	Prallethrin	0.097	0.2	<LOQ	M1	Pass
Cypermethrin	0.243	1.0	<LOQ		Pass	Propiconazole	0.097	0.4	<LOQ		Pass
Daminozide	0.485	1.0	<LOQ		Pass	Propoxur	0.049	0.2	<LOQ	M2	Pass
Diazinon	0.049	0.2	<LOQ		Pass	Pyrethrins	0.313	1.0	<LOQ		Pass
Dichlorvos	0.049	0.1	<LOQ		Pass	Pyridaben	0.049	0.2	<LOQ	V1	Pass
Dimethoate	0.049	0.2	<LOQ		Pass	Spinosad	0.049	0.2	<LOQ		Pass
Ethoprophos	0.049	0.2	<LOQ		Pass	Spiromesifen	0.049	0.2	<LOQ		Pass
Etofenprox	0.097	0.4	<LOQ		Pass	Spirotetramat	0.049	0.2	<LOQ	M1	Pass
Etoxazole	0.049	0.2	<LOQ		Pass	Spiroxamine	0.097	0.4	<LOQ		Pass
Fenoxycarb	0.049	0.2	<LOQ	L1, V1	Pass	Tebuconazole	0.097	0.4	<LOQ		Pass
Fenpyroximate	0.097	0.4	<LOQ		Pass	Thiacloprid	0.049	0.2	<LOQ		Pass
Fipronil	0.097	0.4	<LOQ		Pass	Thiamethoxam	0.049	0.2	<LOQ		Pass
Fonicamid	0.243	1.0	<LOQ		Pass	Trifloxystrobin	0.049	0.2	<LOQ	M2	Pass
Fludioxonil	0.097	0.4	<LOQ	L1, V1	Pass						



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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 09/06/2023 Analyst Initials: RSS SOP: C4-SOP-CHEM-008

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Arsenic	0.099	0.4	<LOQ		Pass
Cadmium	0.099	0.4	<LOQ		Pass
Lead	0.397	1.0	<LOQ		Pass
Mercury	0.397	1.2	<LOQ		Pass

Mycotoxins by ELISA- Compliance

Pass

Date Analyzed: 09/07/2023 Analyst Initials: MRB 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: 09/06/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-010

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

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 09/06/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-013

Analyte	Result	Qualifier Status
	in one gram	
<i>Salmonella spp.</i>	Not Detected	Pass
<i>Aspergillus</i>	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: 09/01/2023 Analyst Initials: SML SOP: C4-SOP-CHEM-005

Analyte	LOQ	Limit	Result	Qualifier	Status	Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Acetone	116	1000	<LOQ		Pass	2,2-Dimethylbutane	37.0		<LOQ		
Acetonitrile	46.3	410	<LOQ		Pass	2-methylpentane/2,	74.1		<LOQ		
Benzene	0.926	2	<LOQ		Pass	3-dimethylbutane					
Butanes	579	5000	<LOQ		Pass	2-Propanol (IPA)	579	5000	<LOQ		Pass
n-Butane	579		<LOQ			Isopropyl acetate	579	5000	<LOQ		Pass
iso-Butane	579		<LOQ			Methanol	347	3000	<LOQ		Pass
Chloroform	13.9	60	<LOQ		Pass	Pentanes	579	5000	<LOQ		Pass
Dichloromethane	69.4	600	<LOQ		Pass	n-Pentane	579		<LOQ		
Ethanol	579	5000	<LOQ		Pass	iso-pentane	579		<LOQ		
Ethyl acetate	579	5000	<LOQ		Pass	neo-Pentane	579		<LOQ		
Diethyl Ether	579	5000	<LOQ		Pass	Propane	579	5000	<LOQ		Pass
n-Heptane	579	5000	<LOQ		Pass	Toluene	106	890	<LOQ		Pass
Hexanes	37.0	290	<LOQ		Pass	Xylenes	255	2170	<LOQ		Pass
n-Hexane	37.0		<LOQ			m/p-Xylene	509		<LOQ		
3-Methylpentane	37.0		<LOQ			o-Xylene	255		<LOQ		
						Ethyl benzene	255		<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.
L1	The percent recovery of the LCS was above the control limit for the test but analyte was not detected above the Action Limit in Table 3.1.
M1	Matrix Spike recovery was higher than control limit but recovery of the LCS was within control limits.
M2	Matrix Spike recovery was lower 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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