

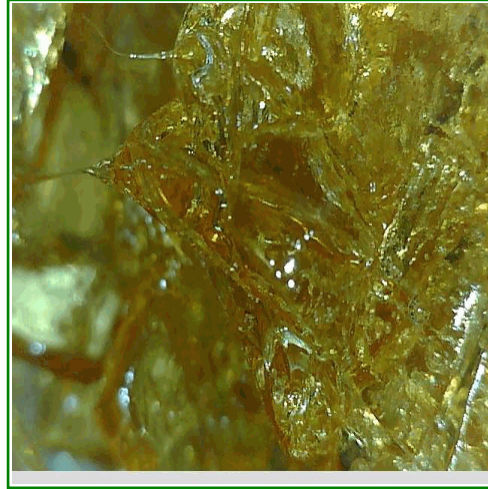
Mohave Cannabis Co.
P.O. Box 8513
Ft. Mohave, AZ 86427
(928) 201-5950
Lic#: 00000111DCCI00384281

Sample: S308087-01
CC ID#: 2308C4L0076.2499
Lot#: LAB81723501OGSHT
Batch#: LAB 034 501OG SHT
Batch Size: N/A

FINAL

Sample Name: Mohave Shatter 501 OG
Strain Name: 501 OG
Matrix: Concentrates Extracts

Sample Received: 08/21/2023
Report Created: 08/23/2023



Potency Results

84.2%	<LOQ%	RATIO	
Total THC	Total CBD	1	0
		THC	CBD

Total THC= THCa * 0.877 + d9-THC
Total CBD= CBDa * 0.877 + CBD

SAFETY

Microbials	Residual Solvents	Mycotoxins	Pesticides	Metals
PASS	PASS	PASS	PASS	PASS



Jillian Blaney
Technical Laboratory Director

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 08/22/2023 Analyst Initials: DRF

Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g	
THCA	1.59	62.3	623	
d9-THC	1.59	29.6	296	
d8-THC	1.59	<LOQ	< LOQ	
CBDa	1.59	<LOQ	< LOQ	
CBD	1.59	<LOQ	< LOQ	M1
CBG	1.59	<LOQ	< LOQ	
CBN	1.59	<LOQ	< LOQ	
CBC	1.59	<LOQ	< LOQ	
Sum of Cannabinoids	1.59	91.8	918	Q3
Total THC	1.59	84.2	842	
Total CBD	1.59	<LOQ	< LOQ	

Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDa * 0.877 + CBD.
LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected.
Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
Cannabinoids method: HPLC-DAD.



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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 08/23/2023 Analyst Initials: JCB

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.121	0.5	<LOQ		Pass	Hexythiazox	0.252	1.0	<LOQ		Pass
Acephate	0.101	0.4	<LOQ		Pass	Imazalil	0.101	0.2	<LOQ		Pass
Acequinocyl	0.503	2.0	<LOQ		Pass	Imidacloprid	0.101	0.4	<LOQ		Pass
Acetamiprid	0.050	0.2	<LOQ		Pass	Kresoxim-methyl	0.101	0.4	<LOQ		Pass
Aldicarb	0.101	0.4	<LOQ		Pass	Malathion	0.050	0.2	<LOQ	V1	Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass	Metalaxyl	0.101	0.2	<LOQ		Pass
Bifenazate	0.050	0.2	<LOQ	M1	Pass	Methiocarb	0.050	0.2	<LOQ		Pass
Bifenthrin	0.050	0.2	<LOQ	I1	Pass	Methomyl	0.101	0.4	<LOQ		Pass
Boscalid	0.101	0.4	<LOQ		Pass	Myclobutanil	0.050	0.2	<LOQ	L1, V1	Pass
Carbaryl	0.050	0.2	<LOQ		Pass	Naled	0.126	0.5	<LOQ		Pass
Carbofuran	0.050	0.2	<LOQ		Pass	Oxamyl	0.252	1.0	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ	L1, V1	Pass	Paclobutrazol	0.101	0.4	<LOQ	L1, V1	Pass
Chlorfenapyr	0.503	1.0	<LOQ	R1	Pass	Permethrins	0.050	0.2	<LOQ	M1	Pass
Chlorpyrifos	0.050	0.2	<LOQ		Pass	Phosmet	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ		Pass	Piperonyl butoxide	0.503	2.0	<LOQ		Pass
Cyfluthrin	0.503	1.0	<LOQ	V1	Pass	Prallethrin	0.101	0.2	<LOQ		Pass
Cypermethrin	0.252	1.0	<LOQ		Pass	Propiconazole	0.101	0.4	<LOQ	V1	Pass
Daminozide	0.503	1.0	<LOQ		Pass	Propoxur	0.050	0.2	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass	Pyrethrins	0.324	1.0	<LOQ	M1	Pass
Dichlorvos	0.050	0.1	<LOQ		Pass	Pyridaben	0.050	0.2	<LOQ		Pass
Dimethoate	0.050	0.2	<LOQ		Pass	Spinosad	0.050	0.2	<LOQ		Pass
Ethoprophos	0.050	0.2	<LOQ		Pass	Spiromesifen	0.050	0.2	<LOQ		Pass
Etofenprox	0.101	0.4	<LOQ		Pass	Spirotetramat	0.050	0.2	<LOQ	M1, V1	Pass
Etoxazole	0.050	0.2	<LOQ		Pass	Spiroxamine	0.101	0.4	<LOQ		Pass
Fenoxycarb	0.050	0.2	<LOQ		Pass	Tebuconazole	0.101	0.4	<LOQ	L1, V1	Pass
Fenpyroximate	0.101	0.4	<LOQ		Pass	Thiacloprid	0.050	0.2	<LOQ		Pass
Fipronil	0.101	0.4	<LOQ		Pass	Thiamethoxam	0.050	0.2	<LOQ		Pass
Flonicamid	0.252	1.0	<LOQ		Pass	Trifloxystrobin	0.050	0.2	<LOQ		Pass
Fludioxonil	0.101	0.4	<LOQ		Pass						

LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Pesticides method: LC/MS/MS.

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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 08/23/2023 Analyst Initials: SML

Analyte	LOQ	Limit	Mass	Q	Status
	ppm	ppm	ppm		
Arsenic	0.099	0.405	<LOQ		Pass
Cadmium	0.099	0.405	<LOQ		Pass
Lead	0.398	1.05	<LOQ		Pass
Mercury	0.398	1.25	<LOQ		Pass

LOQ = Limit of Quantitation; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Mycotoxins by ELISA- Compliance

Pass

Date Analyzed: 08/22/2023 Analyst Initials: KAM

Analyte	LOQ	Limit	Mass	Q	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	<LOQ		Pass
Ochratoxin A	4.00	20	<LOQ		Pass

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Microbials

Pass

E. coli by 3M Petrifilm- Compliance Plate

Date Analyzed: 08/23/2023 Analyst Initials: KAM

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

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Aspergillus includes species flavus, fumigatus, niger, and terreus. Salmonella and Aspergillus by Medicinal Genomics.

Aspergillus and Salmonella by qPCR - Compliance qPCR

Date Analyzed: 08/23/2023 Analyst Initials: KAM

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

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Residual Solvents by Headspace GC/MS - Compliance

Pass

Date Analyzed: 08/22/2023 Analyst Initials: SML

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Acetone	125	1000	<LOQ		Pass	2-methylpentane/2,	80.0		<LOQ		
Acetonitrile	50.0	410	<LOQ		Pass	3-dimethylbutane					
Benzene	1.00	2	<LOQ		Pass	2-Propanol (IPA)	625	5000	<LOQ		Pass
Butanes	625	5000	734		Pass	Isopropyl acetate	625	5000	<LOQ		Pass
n-Butane	625		734			Methanol	375	3000	<LOQ		Pass
iso-Butane	625		<LOQ			Pentanes	625	5000	<LOQ		Pass
Chloroform	15.0	60	<LOQ		Pass	n-Pentane	625		<LOQ		
Dichloromethane	75.0	600	<LOQ		Pass	iso-pentane	625		<LOQ		
Ethanol	625	5000	<LOQ		Pass	neo-Pentane	625		<LOQ		
Ethyl acetate	625	5000	<LOQ		Pass	Propane	625	5000	<LOQ		Pass
Diethyl Ether	625	5000	<LOQ		Pass	Toluene	115	890	<LOQ		Pass
n-Heptane	625	5000	<LOQ		Pass	Xylenes	275	2170	<LOQ		Pass
Hexanes	40.0	290	<LOQ		Pass	m/p-Xylene	550		<LOQ		
n-Hexane	40.0		<LOQ			o-Xylene	275		<LOQ		
3-Methylpentane	40.0		<LOQ			Ethyl benzene	275		<LOQ		
2,2-Dimethylbutane	40.0		<LOQ								

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Solvents method: GC/MS

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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.
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.
R1	The RPD for the LCS/LCSD pair exceeded 20% but recoveries were within control limits.
V1	CCV recovery exceeded control limits but the sample analyte concentration was below maximum allowable concentrations in table 3.1
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.



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