

## CERTIFICATE OF ANALYSIS

PRODUCED: SEP 02, 2021

SAMPLE: KOSHER KUSH (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



**BATCH NO.:** GHFKK0820PR  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-210830-099  
**COLLECTED ON:** AUG 30, 2021  
**RECEIVED ON:** AUG 30, 2021  
**BATCH/SAMPLE SIZE:** 2440 U / 13 U  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>28.79268 %</b>
<b>TOTAL CBD:</b>	<b>0.06971 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>34.95391 %</b>

### CULTIVATOR INFO

**CULTIVATOR**  
 MISSION HEALTH ASSOCIATES, INC  
 5601 CASITAS PASS RD  
 CARPINTERIA, CA 93013

**LICENSE**  
 CCL18-0003034  
 ADULT-USE - CULTIVATOR LICENSE

### DISTRIBUTOR INFO

**DISTRIBUTOR**  
 ALKHEMIST DM LLC  
 1370 ESPERANZA ST, SUITE B  
 LOS ANGELES, CA 90023

**LICENSE**  
 C11-0000751-LIC  
 ADULT-USE AND MEDICINAL -  
 DISTRIBUTOR LICENSE



### BCL-03: CANNABINOID POTENCY BY HPLC-UV // SEP 01, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.03623 %	0.3623 mg/g	0.01091/0.24802	N/A
CBCA	0.16893 %	1.6893 mg/g	0.03125/0.24802	N/A
CBD	ND	ND	0.01538/0.24802	N/A
CBDA	0.07949 %	0.7949 mg/g	0.00794/0.24802	N/A
CBDV	ND	ND	0.0119/0.24802	N/A
CBDVA	ND	ND	0.00794/0.24802	N/A
CBG	0.17167 %	1.7167 mg/g	0.01438/0.24802	N/A
CBGA	1.92778 %	19.2778 mg/g	0.00992/0.24802	N/A
CBN	ND	ND	0.00794/0.24802	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02877/0.24802	N/A
Δ <sup>9</sup> -THC	3.00317 %	30.0317 mg/g	0.02083/0.24802	N/A
THCA	29.40651 %	294.0651 mg/g	0.01488/0.24802	N/A
THCV	ND	ND	0.01637/0.24802	N/A
THCVA	0.16013 %	1.6013 mg/g	0.01141/0.24802	N/A
TOT THC **	28.79268 %	287.9268 mg/g		N/A
TOT CBD **	0.06971 %	0.6971 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	30.03 mg			N/A
TOT CBD/PKG **	0.70 mg			N/A
TOT THC/PKG **	287.93 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // SEP 01, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.24865 %	12.4865 mg/g		N/A
β-CARYOPHYLLENE	0.35225 %	3.5225 mg/g	1.90801/139.08206	N/A
β-MYRCENE	0.29095 %	2.9095 mg/g	0.37805/139.08206	N/A
D-LIMONENE	0.20743 %	2.0743 mg/g	0.24907/139.08206	N/A
LINALOOL	0.18298 %	1.8298 mg/g	0.36864/139.08206	N/A
α-HUMULENE	0.12178 %	1.2178 mg/g	0.46638/139.08206	N/A
α-BISABOLOL	0.04511 %	0.4511 mg/g	4.33688/139.08206	N/A
β-PINENE	0.03187 %	0.3187 mg/g	2.25161/139.08206	N/A
GERANIOL	0.01628 %	0.1628 mg/g	0.28981/139.08206	N/A
CAMPHERE	< LOQ	< LOQ	0.21599/139.08206	N/A
α-PINENE	< LOQ	< LOQ	0.21473/139.08206	N/A
α-TERPINENE	ND	ND	0.29915/139.08206	N/A
β-OCIMENE	ND	ND	0.49791/95.96662	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.45839/139.08206	N/A
EUCALYPTOL	ND	ND	0.46567/139.08206	N/A
γ-TERPINENE	ND	ND	0.46944/139.08206	N/A
GUAJOL	ND	ND	2.71708/139.08206	N/A
ISOPULEGOL	ND	ND	0.54248/139.08206	N/A
α-OCIMENE	ND	ND	1.3428/43.11544	N/A
P-CYMENE	ND	ND	0.27104/139.08206	N/A
TERPINOLENE	ND	ND	0.29414/139.08206	N/A

\*\* TOTAL THC = (THCA X 0.877) + THC  
 \*\* TOTAL CBD = (CBDA X 0.877) + CBD  
 DRY-WEIGHT AMOUNTS SHOWN

SAMPLE WAS TESTED AS RECEIVED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.

**RESULTS CERTIFIED BY:** CODY SHEPPARD, PH.D.  
 LABORATORY DIRECTOR, BELCOSTA LABS  
 SEP 02, 2021



## BCL-13: PESTICIDE TESTING BY GC/MS // SEP 01, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.01977/0.06	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01199/0.03	N/A
CHLORDANE TRANS		ND	0.01082/0.03	N/A
CHLORFENAPYR	Any amt	ND	0.01364/0.06	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01653/0.06	PASS
DICHLORVOS	Any amt	ND	0.01165/0.06	PASS
METHYL PARATHION	Any amt	ND	0.00851/0.06	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01282/0.06	PASS

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // SEP 01, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.01153/0.04	PASS
ACEPHATE	0.1 µg/g	ND	0.00368/0.02	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00417/0.02	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00464/0.02	PASS
ALDICARB	Any amt	ND	0.01109/0.04	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00639/0.02	PASS
BIFENAZATE	0.1 µg/g	ND	0.00355/0.02	PASS
BIFENTHRIN	3 µg/g	ND	0.00473/0.04	PASS
BOSCALID	0.1 µg/g	ND	0.00494/0.02	PASS
CARBARYL	0.5 µg/g	ND	0.00295/0.02	PASS
CARBOFURAN	Any amt	ND	0.00613/0.02	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00697/0.04	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0054/0.02	PASS
COUMAPHOS	Any amt	ND	0.00215/0.02	PASS
CYFLUTHRIN	2 µg/g	ND	0.05508/0.2	PASS
CYPERMETHRIN	1 µg/g	ND	0.00556/0.04	PASS
DAMINOZIDE	Any amt	ND	0.00227/0.04	PASS
DIAZINON	0.1 µg/g	ND	0.00487/0.02	PASS
DIMETHOATE	Any amt	ND	0.00354/0.02	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00109/0.0078	N/A
DIMETHOMORPH II		ND	0.0015/0.0122	N/A
ETHOPROPHOS	Any amt	ND	0.0041/0.02	PASS
ETOFENPROX	Any amt	ND	0.00274/0.02	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00385/0.02	PASS
FENHEXAMID	0.1 µg/g	ND	0.01055/0.02	PASS
FENOXYCARB	Any amt	ND	0.00175/0.02	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00481/0.02	PASS
FIPRONIL	Any amt	ND	0.00478/0.02	PASS
FLONICAMID	0.1 µg/g	ND	0.00398/0.02	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.01369/0.04	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00297/0.02	PASS
IMAZALIL	Any amt	ND	0.0056/0.02	PASS
IMIDACLOPRID	5 µg/g	ND	0.00645/0.02	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00339/0.02	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS
METALAXYL	2 µg/g	ND	0.00503/0.02	PASS
METHIOCARB	Any amt	ND	0.00503/0.02	PASS
METHOMYL	1 µg/g	ND	0.00494/0.02	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.00163/0.0084	N/A
MEVINPHOS II		ND	0.00542/0.0316	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.00867/0.04	PASS
NALED	0.1 µg/g	ND	0.00328/0.02	PASS
OXAMYL	0.5 µg/g	ND	0.00455/0.02	PASS
PACLOBUTRAZOL	Any amt	ND	0.00714/0.04	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00237/0.0082	N/A
PERMETHRIN TRANS		ND	0.00245/0.0118	N/A
PHOSMET	0.1 µg/g	ND	0.0043/0.02	PASS
PIPERONYLBUTOXIDE	3 µg/g	< LOQ	0.00247/0.02	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00392/0.02	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.0024/0.02	PASS
PROPOXUR	Any amt	ND	0.00374/0.02	PASS
PYRETHRINS	0.5 µg/g	ND	0.00726/0.04	PASS
PYRIDABEN	0.1 µg/g	ND	0.0034/0.02	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00329/0.016	N/A
SPINETORAM L		ND	0.00157/0.016	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00205/0.01438	N/A
SPINOSAD D		ND	0.00104/0.00498	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.00944/0.04	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00208/0.02	PASS
SPIROXAMINE	Any amt	ND	0.00344/0.02	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00816/0.04	PASS
THIACLOPRID	Any amt	ND	0.0039/0.02	PASS
THIAMETHOXAM	5 µg/g	ND	0.00358/0.02	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00421/0.02	PASS



## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // SEP 01, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16596/0.57893	PASS
ACETONE	5000 µg/g	ND	18.68005/57.89271	PASS
ACETONITRILE	410 µg/g	ND	16.57661/57.89271	PASS
BENZENE	1 µg/g	ND	0.07333/0.57893	PASS
BUTANE	5000 µg/g	ND	17.47974/57.89271	PASS
CHLOROFORM	1 µg/g	ND	0.16982/0.57893	PASS
ETHANOL	5000 µg/g	ND	14.33037/57.89271	PASS
ETHYL ACETATE	5000 µg/g	ND	17.69587/57.89271	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18526/0.57893	PASS
ETHYL ETHER	5000 µg/g	ND	15.58858/57.89271	PASS
HEPTANE	5000 µg/g	ND	13.63952/57.89271	PASS
HEXANE	290 µg/g	ND	20.99961/96.48784	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.47318/57.89271	PASS
METHANOL	3000 µg/g	ND	12.97954/57.89271	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14666/0.57893	PASS
PENTANE	5000 µg/g	ND	31.91818/96.48784	PASS
PROPANE	5000 µg/g	ND	16.4917/57.89271	PASS
TOLUENE	890 µg/g	ND	9.11231/57.89271	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07719/0.57893	PASS
O-XYLENE		ND	4.31494/28.94635	N/A
P- AND M-XYLENE		ND	3.99846/28.94635	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

## BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // SEP 01, 2021

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.23/4	N/A
AFLATOXIN B2		ND	0.181/4	N/A
AFLATOXIN G1		ND	0.155/4	N/A
AFLATOXIN G2		ND	0.934/4	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.385/4	PASS

## BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // AUG 31, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.56	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 31, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

## BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // SEP 01, 2021

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

## BCL-020: HEAVY METAL TESTING BY ICP-MS // AUG 31, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.001/0.05	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // AUG 31, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		13.20	N/A

