

## CERTIFICATE OF ANALYSIS

PRODUCED: DEC 25, 2021

SAMPLE: JEALOUSY MINTS (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS  
5 X 0.5G PRE-ROLLS PER UNIT



BATCH NO.: GHFJKM1011217MP  
METRC UID: 1A406030000A423000004334  
MATRIX: PRE-ROLL  
CATEGORY: INHALABLE  
SAMPLE ID: BCL-211223-077  
COLLECTED ON: DEC 23, 2021  
RECEIVED ON: DEC 23, 2021  
BATCH/SAMPLE SIZE: 1020 UNITS / 12 UNITS  
PACKAGE SIZE: 2.5 G

### CANNABINOID OVERVIEW

TOTAL THC:	26.94908 %
TOTAL CBD:	0.04689 %
TOTAL CANNABINOIDS:	32.64965 %

### MANUFACTURER INFO

**MANUFACTURER**  
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 // DEC 24, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.01061/0.24103	N/A
CBCA	0.25966 %	2.5966 mg/g	0.03037/0.24103	N/A
CBD	ND	ND	0.01494/0.24103	N/A
CBDA	0.05347 %	0.5347 mg/g	0.00771/0.24103	N/A
CBDV	ND	ND	0.01157/0.24103	N/A
CBDVA	< LOQ	< LOQ	0.00771/0.24103	N/A
CBG	0.06042 %	0.6042 mg/g	0.01398/0.24103	N/A
CBGA	1.47781 %	14.7781 mg/g	0.00964/0.24103	N/A
CBN	ND	ND	0.00771/0.24103	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02796/0.24103	N/A
Δ <sup>9</sup> -THC	0.80413 %	8.0413 mg/g	0.02025/0.24103	N/A
THCA	29.81180 %	298.1180 mg/g	0.01446/0.24103	N/A
THCV	ND	ND	0.01591/0.24103	N/A
THCVA	0.18236 %	1.8236 mg/g	0.01109/0.24103	N/A
TOT THC **	26.94908 %	269.4908 mg/g		N/A
TOT CBD **	0.04689 %	0.4689 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	20.10 mg			N/A
TOT CBD/PKG **	1.17 mg			N/A
TOT THC/PKG **	673.73 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 24, 2021

ANALYTE	AMT	AMT	LOD/LOQ (μg/g)	PASS/FAIL
TOTAL TERPENES	1.30759 %	13.0759 mg/g		N/A
β-CARYOPHYLLENE	0.46614 %	4.6614 mg/g	1.80542/131.60368	N/A
LINALOOL	0.26583 %	2.6583 mg/g	0.34882/131.60368	N/A
α-HUMULENE	0.15069 %	1.5069 mg/g	0.44131/131.60368	N/A
D-LIMONENE	0.24110 %	2.4110 mg/g	0.23568/131.60368	N/A
GUAJOL	0.07219 %	0.7219 mg/g	2.57098/131.60368	N/A
β-MYRCENE	0.05217 %	0.5217 mg/g	0.35773/131.60368	N/A
β-PINENE	0.03857 %	0.3857 mg/g	2.13055/131.60368	N/A
α-PINENE	0.02090 %	0.2090 mg/g	0.20318/131.60368	N/A
CAMPHENE	< LOQ	< LOQ	0.20438/131.60368	N/A
GERANIOL	ND	ND	0.27422/131.60368	N/A
P-CYMENE	ND	ND	0.25647/131.60368	N/A
ISOPULEGOL	ND	ND	0.51331/131.60368	N/A
α-BISABOLOL	ND	ND	4.10369/131.60368	N/A
γ-TERPINENE	ND	ND	0.4442/131.60368	N/A
EUCALYPTOL	ND	ND	0.44064/131.60368	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.43374/131.60368	N/A
β-OCIMENE	ND	ND	0.47114/90.80654	N/A
α-TERPINENE	ND	ND	0.28307/131.60368	N/A
α-OCIMENE	ND	ND	1.27059/40.79714	N/A
TERPINOLENE	ND	ND	0.27833/131.60368	N/A

\*\* TOTAL CBD = (CBDA X 0.877) + CBD  
\*\* TOTAL THC = (THCA X 0.877) + THC  
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  
DEC 25, 2021

# REGULATORY COMPLIANCE TESTING

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 24, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.01153/0.04	PASS	MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS
ACEPHATE	0.1 µg/g	ND	0.00368/0.02	PASS	METALAXYL	2 µg/g	ND	0.00503/0.02	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00417/0.02	PASS	METHIOCARB	Any amt	ND	0.00503/0.02	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00464/0.02	PASS	METHOMYL	1 µg/g	ND	0.00494/0.02	PASS
ALDICARB	Any amt	ND	0.01109/0.04	PASS	MEVINPHOS	Any amt	ND		PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00639/0.02	PASS	MEVINPHOS I		ND	0.00163/0.0084	N/A
BIFENAZATE	0.1 µg/g	ND	0.00355/0.02	PASS	MEVINPHOS II		ND	0.00542/0.0316	N/A
BIFENTHRIN	3 µg/g	ND	0.00473/0.04	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.00867/0.04	PASS
BOSCALID	0.1 µg/g	ND	0.00494/0.02	PASS	NALED	0.1 µg/g	ND	0.00328/0.02	PASS
CARBARYL	0.5 µg/g	ND	0.00295/0.02	PASS	OXAMYL	0.5 µg/g	ND	0.00455/0.02	PASS
CARBOFURAN	Any amt	ND	0.00613/0.02	PASS	PACLOBUTRAZOL	Any amt	ND	0.00714/0.04	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00697/0.04	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0054/0.02	PASS	PERMETHRIN CIS		ND	0.00237/0.0082	N/A
COUMAPHOS	Any amt	ND	0.00215/0.02	PASS	PERMETHRIN TRANS		ND	0.00245/0.0118	N/A
CYFLUTHRIN	2 µg/g	ND	0.05508/0.2	PASS	PHOSMET	0.1 µg/g	ND	0.0043/0.02	PASS
CYPERMETHRIN	1 µg/g	ND	0.00556/0.04	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00247/0.02	PASS
DAMINOZIDE	Any amt	ND	0.00227/0.04	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00392/0.02	PASS
DIAZINON	0.1 µg/g	ND	0.00487/0.02	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.0024/0.02	PASS
DIMETHOATE	Any amt	ND	0.00354/0.02	PASS	PROPOXUR	Any amt	ND	0.00374/0.02	PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS	0.5 µg/g	ND	0.00726/0.04	PASS
DIMETHOMORPH I		ND	0.00109/0.0078	N/A	PYRIDABEN	0.1 µg/g	ND	0.0034/0.02	PASS
DIMETHOMORPH II		ND	0.0015/0.0122	N/A	SPINETORAM	0.1 µg/g	ND		PASS
ETHOPROPHOS	Any amt	ND	0.0041/0.02	PASS	SPINETORAM J		ND	0.00329/0.016	N/A
ETOFENPROX	Any amt	ND	0.00274/0.02	PASS	SPINETORAM L		ND	0.00157/0.016	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00385/0.02	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENHEXAMID	0.1 µg/g	ND	0.01055/0.02	PASS	SPINOSAD A		ND	0.00205/0.01438	N/A
FENOXYCARB	Any amt	ND	0.00175/0.02	PASS	SPINOSAD D		ND	0.00104/0.00498	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00481/0.02	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.00944/0.04	PASS
FIPRONIL	Any amt	ND	0.00478/0.02	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00208/0.02	PASS
FLONICAMID	0.1 µg/g	ND	0.00398/0.02	PASS	SPIROXAMINE	Any amt	ND	0.00344/0.02	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.01369/0.04	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00816/0.04	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00297/0.02	PASS	THIACLOPRID	Any amt	ND	0.0039/0.02	PASS
IMAZALIL	Any amt	ND	0.0056/0.02	PASS	THIAMETHOXAM	5 µg/g	ND	0.00358/0.02	PASS
IMIDACLOPRID	5 µg/g	ND	0.00645/0.02	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00421/0.02	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00339/0.02	PASS					

## BCL-13: PESTICIDE TESTING BY GC/MS // DEC 24, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.01977/0.06	PASS	CHLORPYRIFOS	Any amt	ND	0.01653/0.06	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01165/0.06	PASS
CHLORDANE CIS		ND	0.01199/0.03	N/A	METHYL PARATHION	Any amt	ND	0.00851/0.06	PASS
CHLORDANE TRANS		ND	0.01082/0.03	N/A	PENTACHLORONITROBENZENE	0.1 µg/g	ND	0.01282/0.06	PASS
CHLORFENAPYR	Any amt	ND	0.01364/0.06	PASS					



## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // DEC 24, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16693/0.5823	PASS
ACETONE	5000 µg/g	ND	18.78882/58.22981	PASS
ACETONITRILE	410 µg/g	ND	16.67314/58.22981	PASS
BENZENE	1 µg/g	ND	0.07376/0.5823	PASS
BUTANE	5000 µg/g	ND	17.58152/58.22981	PASS
CHLOROFORM	1 µg/g	ND	0.17081/0.5823	PASS
ETHANOL	5000 µg/g	ND	14.41382/58.22981	PASS
ETHYL ACETATE	5000 µg/g	ND	17.79891/58.22981	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18634/0.5823	PASS
ETHYL ETHER	5000 µg/g	ND	15.67935/58.22981	PASS
HEPTANE	5000 µg/g	ND	13.71894/58.22981	PASS
HEXANE	290 µg/g	ND	21.12189/97.04969	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.55745/58.22981	PASS
METHANOL	3000 µg/g	ND	13.05512/58.22981	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14752/0.5823	PASS
PENTANE	5000 µg/g	ND	32.10404/97.04969	PASS
PROPANE	5000 µg/g	ND	16.58773/58.22981	PASS
TOLUENE	890 µg/g	ND	9.16537/58.22981	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07764/0.5823	PASS
O-XYLENE		ND	4.34006/29.11491	N/A
P- AND M-XYLENE		ND	4.02174/29.11491	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

## BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 24, 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 // DEC 24, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.52	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 24, 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 // DEC 25, 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 // DEC 24, 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 // DEC 24, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		12.00	N/A

