

## CERTIFICATE OF ANALYSIS

PRODUCED: DEC 13, 2021

SAMPLE: GG4 (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



**BATCH NO.:** GHFGG41207PR  
**METRC UID:** 1A406030000A423000004272  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-211210-096  
**COLLECTED ON:** DEC 10, 2021  
**RECEIVED ON:** DEC 10, 2021  
**BATCH/SAMPLE SIZE:** 1750 UNITS / 13 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>26.94442 %</b>
<b>TOTAL CBD:</b>	<b>0.04838 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>31.37229 %</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 // DEC 12, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.06379 %	0.6379 mg/g	0.00985/0.22397	N/A
CBCA	0.20008 %	2.0008 mg/g	0.02822/0.22397	N/A
CBD	ND	ND	0.01389/0.22397	N/A
CBDA	0.05517 %	0.5517 mg/g	0.00717/0.22397	N/A
CBDV	ND	ND	0.01075/0.22397	N/A
CBDVA	ND	ND	0.00717/0.22397	N/A
CBG	0.08267 %	0.8267 mg/g	0.01299/0.22397	N/A
CBGA	0.51029 %	5.1029 mg/g	0.00896/0.22397	N/A
CBN	ND	ND	0.00717/0.22397	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02598/0.22397	N/A
Δ <sup>9</sup> -THC	2.83225 %	28.3225 mg/g	0.01881/0.22397	N/A
THCA	27.49392 %	274.9392 mg/g	0.01344/0.22397	N/A
THCV	ND	ND	0.01478/0.22397	N/A
THCVA	0.13412 %	1.3412 mg/g	0.0103/0.22397	N/A
TOT THC **	26.94442 %	269.4442 mg/g		N/A
TOT CBD **	0.04838 %	0.4838 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	28.32 mg			N/A
TOT CBD/PKG **	0.48 mg			N/A
TOT THC/PKG **	269.44 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 11, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.32844 %	13.2844 mg/g		N/A
β-CARYOPHYLLENE	0.62308 %	6.2308 mg/g	1.89633/138.23065	N/A
D-LIMONENE	0.25017 %	2.5017 mg/g	0.24754/138.23065	N/A
α-HUMULENE	0.19842 %	1.9842 mg/g	0.46353/138.23065	N/A
β-MYRCENE	0.08359 %	0.8359 mg/g	0.37574/138.23065	N/A
α-BISABOLOL	0.06166 %	0.6166 mg/g	4.31034/138.23065	N/A
LINALOOL	0.05819 %	0.5819 mg/g	0.36638/138.23065	N/A
β-PINENE	0.03441 %	0.3441 mg/g	2.23783/138.23065	N/A
α-PINENE	0.01892 %	0.1892 mg/g	0.21341/138.23065	N/A
CAMPHENE	< LOQ	< LOQ	0.21467/138.23065	N/A
Δ <sup>3</sup> -CARENE	< LOQ	< LOQ	0.45558/138.23065	N/A
GERANIOL	< LOQ	< LOQ	0.28803/138.23065	N/A
TERPINOLENE	< LOQ	< LOQ	0.29234/138.23065	N/A
α-TERPINENE	ND	ND	0.29732/138.23065	N/A
β-OCIMENE	ND	ND	0.49487/95.37915	N/A
α-OCIMENE	ND	ND	1.33458/42.8515	N/A
EUCALYPTOL	ND	ND	0.46282/138.23065	N/A
γ-TERPINENE	ND	ND	0.46657/138.23065	N/A
GUAIOL	ND	ND	2.70045/138.23065	N/A
ISOPULEGOL	ND	ND	0.53915/138.23065	N/A
P-CYMENE	ND	ND	0.26938/138.23065	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 13, 2021



## BCL-13: PESTICIDE TESTING BY GC/MS // DEC 12, 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 // DEC 12, 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	ND	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 // DEC 11, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17036/0.59429	PASS
ACETONE	5000 µg/g	ND	19.17591/59.42948	PASS
ACETONITRILE	410 µg/g	ND	17.01664/59.42948	PASS
BENZENE	1 µg/g	ND	0.07528/0.59429	PASS
BUTANE	5000 µg/g	ND	17.94374/59.42948	PASS
CHLOROFORM	1 µg/g	ND	0.17433/0.59429	PASS
ETHANOL	5000 µg/g	ND	14.71078/59.42948	PASS
ETHYL ACETATE	5000 µg/g	ND	18.16561/59.42948	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.19017/0.59429	PASS
ETHYL ETHER	5000 µg/g	ND	16.00238/59.42948	PASS
HEPTANE	5000 µg/g	ND	14.00158/59.42948	PASS
HEXANE	290 µg/g	ND	21.55705/99.04913	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.85737/59.42948	PASS
METHANOL	3000 µg/g	ND	13.32409/59.42948	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15055/0.59429	PASS
PENTANE	5000 µg/g	ND	32.76545/99.04913	PASS
PROPANE	5000 µg/g	ND	16.92948/59.42948	PASS
TOLUENE	890 µg/g	ND	9.3542/59.42948	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07924/0.59429	PASS
O-XYLENE		ND	4.42948/29.71474	N/A
P- AND M-XYLENE		ND	4.1046/29.71474	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

## BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 12, 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 12, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.51	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 11, 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 12, 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 11, 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 11, 2021

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

