

## CERTIFICATE OF ANALYSIS

PRODUCED: APR 12, 2022

SAMPLE: BERRY FIRE (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS  
NON-INFUSED



**BATCH NO.:** GHFBF0330MP  
**METRC UID:** 1A406030003DC49000000339  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-220408-198  
**COLLECTED ON:** APR 08, 2022  
**RECEIVED ON:** APR 08, 2022  
**BATCH/SAMPLE SIZE:** 2022 UNITS / 13 UNITS  
**PACKAGE SIZE:** 2.5 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>28.5678 %</b>
<b>TOTAL CBD:</b>	<b>0.08268 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>35.30656 %</b>

### CULTIVATOR INFO

**CULTIVATOR**  
MISSION HEALTH ASSOCIATES, INC.  
DBA GLASS HOUSE FARMS  
2211 DAMON STREET  
LOS ANGELES, CA 9002

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

### DISTRIBUTOR INFO

**DISTRIBUTOR**  
ALKHEMIST DM LLC  
2211 DAMON STREET  
LOS ANGELES, CA 9002

**LICENSE**  
C11-0001456-LIC  
ADULT-USE - DISTRIBUTOR LICENSE



### BCL-03: CANNABINOID POTENCY BY HPLC-UV // APR 12, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.08359 %	0.8359 mg/g	0.01042/0.23688	N/A
CBCA	1.21604 %	12.1604 mg/g	0.02985/0.23688	N/A
CBD	ND	ND	0.01469/0.23688	N/A
CBDA	0.09428 %	0.9428 mg/g	0.00758/0.23688	N/A
CBDV	0.07540 %	0.7540 mg/g	0.01137/0.23688	N/A
CBDVA	0.05169 %	0.5169 mg/g	0.00758/0.23688	N/A
CBG	0.18769 %	1.8769 mg/g	0.01374/0.23688	N/A
CBGA	1.01180 %	10.1180 mg/g	0.00948/0.23688	N/A
CBN	ND	ND	0.00758/0.23688	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02748/0.23688	N/A
Δ <sup>9</sup> -THC	1.36605 %	13.6605 mg/g	0.0199/0.23688	N/A
THCA	31.01682 %	310.1682 mg/g	0.01421/0.23688	N/A
THCV	ND	ND	0.01563/0.23688	N/A
THCVA	0.20320 %	2.0320 mg/g	0.0109/0.23688	N/A
TOT THC**	28.56780 %	285.6780 mg/g		N/A
TOT CBD**	0.08268 %	0.8268 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	34.15 mg			N/A
TOT CBD/PKG**	2.07 mg			N/A
TOT THC/PKG**	714.20 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // APR 11, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.67213 %	6.7213 mg/g		N/A
β-MYRCENE	0.34065 %	3.4065 mg/g	0.00038/0.13839	N/A
β-CARYOPHYLLENE	0.15914 %	1.5914 mg/g	0.0019/0.13839	N/A
LINALOOL	0.06867 %	0.6867 mg/g	0.00037/0.13839	N/A
D-LIMONENE	0.04745 %	0.4745 mg/g	0.00025/0.13839	N/A
α-HUMULENE	0.03631 %	0.3631 mg/g	0.00046/0.13839	N/A
α-BISABOLOL	0.01991 %	0.1991 mg/g	0.00432/0.13839	N/A
β-PINENE	< LOQ	< LOQ	0.00224/0.13839	N/A
α-PINENE	< LOQ	< LOQ	0.00021/0.13839	N/A
α-TERPINENE	ND	ND	0.0003/0.13839	N/A
β-OCIMENE	ND	ND	0.0005/0.09549	N/A
CAMPHENE	ND	ND	0.00021/0.13839	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00046/0.13839	N/A
EUCALYPTOL	ND	ND	0.00046/0.13839	N/A
γ-TERPINENE	ND	ND	0.00047/0.13839	N/A
GERANIOL	ND	ND	0.00029/0.13839	N/A
GUAJOL	ND	ND	0.0027/0.13839	N/A
ISOPULEGOL	ND	ND	0.00054/0.13839	N/A
α-OCIMENE	ND	ND	0.00134/0.0429	N/A
P-CYMELE	ND	ND	0.00027/0.13839	N/A
TERPINOLENE	ND	ND	0.00029/0.13839	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.  
SCIENCE DIRECTOR, BELCOSTA LABS  
APR 12, 2022

# REGULATORY COMPLIANCE TESTING

## BCL-13: PESTICIDE TESTING BY GC/MS // APR 10, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03029/0.09173	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01071/0.03248	N/A
CHLORDANE TRANS		ND	0.01025/0.03098	N/A
CHLORFENAPYR	Any amt	ND	0.02309/0.0699	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01077/0.03271	PASS
DICHLORVOS	Any amt	ND	0.01134/0.03438	PASS
METHYL PARATHION	Any amt	ND	0.01301/0.03944	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01353/0.04106	PASS

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 11, 2022

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
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
PIPERONYLBUTO-XIDE	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		PASS
PYRETHRINS PYRETHRIN I		ND	0.00726/0.04	N/A
PYRETHRINS PYRETHRIN II		ND	0.00754/0.02284	N/A
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
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.00421/0.02	PASS



MALATHION      0.5 µg/g      ND      0.00472/0.02      PASS

**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // APR 10, 2022**

ANALYTE	LIMIT AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	
1,2-DICHLOROETHANE	1 µg/g	ND	0.15184/0.52966	PASS
ACETONE	5000 µg/g	ND	17.0904/52.9661	PASS
ACETONITRILE	410 µg/g	ND	15.16596/52.9661	PASS
BENZENE	1 µg/g	ND	0.06709/0.52966	PASS
BUTANE	5000 µg/g	ND	15.99223/52.9661	PASS
CHLOROFORM	1 µg/g	ND	0.15537/0.52966	PASS
ETHANOL	5000 µg/g	ND	13.11088/52.9661	PASS
ETHYL ACETATE	5000 µg/g	ND	16.18997/52.9661	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.16949/0.52966	PASS
ETHYL ETHER	5000 µg/g	ND	14.26201/52.9661	PASS
HEPTANE	5000 µg/g	ND	12.47881/52.9661	PASS
HEXANE	290 µg/g	ND	19.21257/88.27684	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	13.24153/52.9661	PASS
METHANOL	3000 µg/g	ND	11.875/52.9661	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.13418/0.52966	PASS
PENTANE	5000 µg/g	ND	29.20198/88.27684	PASS
PROPANE	5000 µg/g	ND	15.08828/52.9661	PASS
TOLUENE	890 µg/g	ND	8.33686/52.9661	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07062/0.52966	PASS
O-XYLENE		ND	3.94774/26.48305	N/A
P- AND M-XYLENE		ND	3.65819/26.48305	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // APR 11, 2022**

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 // APR 09, 2022**

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

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 09, 2022**

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 // APR 12, 2022**

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 // APR 11, 2022**

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 // APR 09, 2022**

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		8.70	N/A

