

## CERTIFICATE OF ANALYSIS

PRODUCED: JUN 29, 2021

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



**BATCH NO.:** GHFHF0622MP  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-210625-147  
**COLLECTED ON:** JUN 25, 2021  
**RECEIVED ON:** JUN 25, 2021  
**BATCH/SAMPLE SIZE:** 1070 U / 8 U  
**PACKAGE SIZE:** 2.5 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>23.36281 %</b>
<b>TOTAL CBD:</b>	<b>0.04253 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>28.5247 %</b>

### 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 // JUN 29, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.07234 %	0.7234 mg/g	0.01048/0.23819	N/A
CBCA	0.76698 %	7.6698 mg/g	0.03001/0.23819	N/A
CBD	ND	ND	0.01477/0.23819	N/A
CBDA	0.04850 %	0.4850 mg/g	0.00762/0.23819	N/A
CBDV	0.04020 %	0.4020 mg/g	0.01143/0.23819	N/A
CBDVA	ND	ND	0.00762/0.23819	N/A
CBG	0.12698 %	1.2698 mg/g	0.01381/0.23819	N/A
CBGA	0.86329 %	8.6329 mg/g	0.00953/0.23819	N/A
CBN	ND	ND	0.00762/0.23819	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02763/0.23819	N/A
Δ <sup>9</sup> -THC	1.19507 %	11.9507 mg/g	0.02001/0.23819	N/A
THCA	25.27678 %	252.7678 mg/g	0.01429/0.23819	N/A
THCV	ND	ND	0.01572/0.23819	N/A
THCVA	0.13456 %	1.3456 mg/g	0.01096/0.23819	N/A
TOT THC **	23.36281 %	233.6281 mg/g		N/A
TOT CBD **	0.04253 %	0.4253 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	29.88 mg			N/A
TOT CBD/PKG **	1.06 mg			N/A
TOT THC/PKG **	584.07 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // JUN 27, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	0.62138 %	6.2138 mg/g		N/A
α-HUMULENE	0.10533 %	1.0533 mg/g	0.44719/133.35873	N/A
β-CARYOPHYLLENE	0.35100 %	3.5100 mg/g	1.8295/133.35873	N/A
α-BISABOLOL	0.05009 %	0.5009 mg/g	4.15842/133.35873	N/A
D-LIMONENE	0.04960 %	0.4960 mg/g	0.23882/133.35873	N/A
LINALOOL	0.04730 %	0.4730 mg/g	0.35347/133.35873	N/A
β-MYRCENE	0.01806 %	0.1806 mg/g	0.3625/133.35873	N/A
α-PINENE	< LOQ	< LOQ	0.20589/133.35873	N/A
β-PINENE	< LOQ	< LOQ	2.15896/133.35873	N/A
α-TERPINENE	ND	ND	0.28684/133.35873	N/A
β-OCIMENE	ND	ND	0.47742/92.01753	N/A
CAMPHENE	ND	ND	0.20711/133.35873	N/A
α-OCIMENE	ND	ND	1.28754/41.34121	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.43952/133.35873	N/A
EUCALYPTOL	ND	ND	0.44651/133.35873	N/A
γ-TERPINENE	ND	ND	0.45013/133.35873	N/A
GERANIOL	ND	ND	0.27788/133.35873	N/A
GUAIOL	ND	ND	2.60527/133.35873	N/A
ISOPULEGOL	ND	ND	0.52015/133.35873	N/A
P-CYMELE	ND	ND	0.25989/133.35873	N/A
TERPINOLENE	ND	ND	0.28204/133.35873	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 5730 OF CALIFORNIA CODE OF REGULATIONS TITLE 16 DIVISION 42 BUREAU OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.

RESULTS CERTIFIED BY: RON BROOKS, M.S.  
LABORATORY DIRECTOR, BELCOSTA LABS  
JUN 29, 2021

# REGULATORY COMPLIANCE TESTING

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JUN 29, 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 // JUN 29, 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	PENTACHLORONI-TROBENZENE	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 // JUN 27, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16583/0.57848	PASS
ACETONE	5000 µg/g	ND	18.66564/57.84805	PASS
ACETONITRILE	410 µg/g	ND	16.56383/57.84805	PASS
BENZENE	1 µg/g	ND	0.07327/0.57848	PASS
BUTANE	5000 µg/g	ND	17.46626/57.84805	PASS
CHLOROFORM	1 µg/g	ND	0.16969/0.57848	PASS
ETHANOL	5000 µg/g	ND	14.31932/57.84805	PASS
ETHYL ACETATE	5000 µg/g	ND	17.68222/57.84805	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18511/0.57848	PASS
ETHYL ETHER	5000 µg/g	ND	15.57655/57.84805	PASS
HEPTANE	5000 µg/g	ND	13.629/57.84805	PASS
HEXANE	290 µg/g	ND	20.98342/96.41342	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.46201/57.84805	PASS
METHANOL	3000 µg/g	ND	12.96953/57.84805	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14655/0.57848	PASS
PENTANE	5000 µg/g	ND	31.89356/96.41342	PASS
PROPANE	5000 µg/g	ND	16.47898/57.84805	PASS
TOLUENE	890 µg/g	ND	9.10528/57.84805	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07713/0.57848	PASS
O-XYLENE		ND	4.31161/28.92403	N/A
P- AND M-XYLENE		ND	3.99537/28.92403	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

## BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // JUN 29, 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 // JUN 28, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.57	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // JUN 26, 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 // JUN 27, 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 // JUN 28, 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	0.069	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // JUN 28, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		11.50	N/A

