

## CERTIFICATE OF ANALYSIS

PRODUCED: MAR 28, 2022

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



**BATCH NO.:** GHFLHA0316PR  
**METRC UID:** 1A406030000A423000005083  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-220324-002  
**COLLECTED ON:** MAR 24, 2022  
**RECEIVED ON:** MAR 24, 2022  
**BATCH/SAMPLE SIZE:** 1200 UNITS / 13 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>25.05198 %</b>
<b>TOTAL CBD:</b>	<b>0.12694 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>30.05656 %</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 // MAR 27, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.02782 %	0.2782 mg/g	0.01034/0.23505	N/A
CBCA	0.23675 %	2.3675 mg/g	0.02962/0.23505	N/A
CBD	ND	ND	0.01457/0.23505	N/A
CBDA	0.14474 %	1.4474 mg/g	0.00752/0.23505	N/A
CBDV	ND	ND	0.01128/0.23505	N/A
CBDVA	0.03158 %	0.3158 mg/g	0.00752/0.23505	N/A
CBG	0.13922 %	1.3922 mg/g	0.01363/0.23505	N/A
CBGA	0.92524 %	9.2524 mg/g	0.0094/0.23505	N/A
CBN	ND	ND	0.00752/0.23505	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02727/0.23505	N/A
Δ <sup>9</sup> -THC	1.16143 %	11.6143 mg/g	0.01974/0.23505	N/A
THCA	27.24122 %	272.4122 mg/g	0.0141/0.23505	N/A
THCV	ND	ND	0.01551/0.23505	N/A
THCVA	0.14856 %	1.4856 mg/g	0.01081/0.23505	N/A
TOT THC**	25.05198 %	250.5198 mg/g		N/A
TOT CBD**	0.12694 %	1.2694 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	11.61 mg			N/A
TOT CBD/PKG**	1.27 mg			N/A
TOT THC/PKG**	250.52 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // MAR 26, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.82269 %	8.2269 mg/g		N/A
β-CARYOPHYLLENE	0.40117 %	4.0117 mg/g	0.00191/0.13914	N/A
α-HUMULENE	0.12455 %	1.2455 mg/g	0.00047/0.13914	N/A
β-MYRCENE	0.09659 %	0.9659 mg/g	0.00038/0.13914	N/A
D-LIMONENE	0.09498 %	0.9498 mg/g	0.00025/0.13914	N/A
LINALOOL	0.05961 %	0.5961 mg/g	0.00037/0.13914	N/A
α-BISABOLOL	0.03024 %	0.3024 mg/g	0.00434/0.13914	N/A
β-PINENE	0.01555 %	0.1555 mg/g	0.00225/0.13914	N/A
α-PINENE	< LOQ	< LOQ	0.00021/0.13914	N/A
α-TERPINENE	ND	ND	0.0003/0.13914	N/A
β-OCIMENE	ND	ND	0.0005/0.096	N/A
CAMPHENE	ND	ND	0.00022/0.13914	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00046/0.13914	N/A
EUCALYPTOL	ND	ND	0.00047/0.13914	N/A
γ-TERPINENE	ND	ND	0.00047/0.13914	N/A
GERANIOL	ND	ND	0.00029/0.13914	N/A
GUAJOL	ND	ND	0.00272/0.13914	N/A
ISOPULEGOL	ND	ND	0.00054/0.13914	N/A
α-OCIMENE	ND	ND	0.00134/0.04313	N/A
P-CYMENE	ND	ND	0.00027/0.13914	N/A
TERPINOLENE	ND	ND	0.00029/0.13914	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  
 MAR 28, 2022



# REGULATORY COMPLIANCE TESTING

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAR 26, 2022

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	METALAXYL	2 µg/g	ND	0.00503/0.02	PASS
ACEPHATE	0.1 µg/g	ND	0.00368/0.02	PASS	METHIOCARB	Any amt	ND	0.00503/0.02	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00417/0.02	PASS	METHOMYL	1 µg/g	ND	0.00494/0.02	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00464/0.02	PASS	MEVINPHOS	Any amt	ND		PASS
ALDICARB	Any amt	ND	0.01109/0.04	PASS	MEVINPHOS I		ND	0.00163/0.0084	N/A
AZOXYSTROBIN	0.1 µg/g	ND	0.00639/0.02	PASS	MEVINPHOS II		ND	0.00542/0.0316	N/A
BIFENAZATE	0.1 µg/g	ND	0.00355/0.02	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.00867/0.04	PASS
BIFENTHRIN	3 µg/g	ND	0.00473/0.04	PASS	NALED	0.1 µg/g	ND	0.00328/0.02	PASS
BOSCALID	0.1 µg/g	ND	0.00494/0.02	PASS	OXAMYL	0.5 µg/g	ND	0.00455/0.02	PASS
CARBARYL	0.5 µg/g	ND	0.00295/0.02	PASS	PACLOBUTRAZOL	Any amt	ND	0.00714/0.04	PASS
CARBOFURAN	Any amt	ND	0.00613/0.02	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00697/0.04	PASS	PERMETHRIN CIS		ND	0.00237/0.0082	N/A
CLOFENTEZINE	0.1 µg/g	ND	0.0054/0.02	PASS	PERMETHRIN TRANS		ND	0.00245/0.0118	N/A
COUMAPHOS	Any amt	ND	0.00215/0.02	PASS	PHOSMET	0.1 µg/g	ND	0.0043/0.02	PASS
CYFLUTHRIN	2 µg/g	ND	0.05508/0.2	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00247/0.02	PASS
CYPERMETHRIN	1 µg/g	ND	0.00556/0.04	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00392/0.02	PASS
DAMINOZIDE	Any amt	ND	0.00227/0.04	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.0024/0.02	PASS
DIAZINON	0.1 µg/g	ND	0.00487/0.02	PASS	PROPOXUR	Any amt	ND	0.00374/0.02	PASS
DIMETHOATE	Any amt	ND	0.00354/0.02	PASS	PYRETHRINS	0.5 µg/g	ND		PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.00726/0.04	N/A
DIMETHOMORPH I		ND	0.00109/0.0078	N/A	PYRETHRINS PYRETHRIN II		ND	0.00754/0.02284	N/A
DIMETHOMORPH II		ND	0.0015/0.0122	N/A	PYRIDABEN	0.1 µg/g	ND	0.0034/0.02	PASS
ETHOPROPHOS	Any amt	ND	0.0041/0.02	PASS	SPINETORAM	0.1 µg/g	ND		PASS
ETOFENPROX	Any amt	ND	0.00274/0.02	PASS	SPINETORAM J		ND	0.00329/0.016	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00385/0.02	PASS	SPINETORAM L		ND	0.00157/0.016	N/A
FENHEXAMID	0.1 µg/g	ND	0.01055/0.02	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENOXYCARB	Any amt	ND	0.00175/0.02	PASS	SPINOSAD A		ND	0.00205/0.01438	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00481/0.02	PASS	SPINOSAD D		ND	0.00104/0.00498	N/A
FIPRONIL	Any amt	ND	0.00478/0.02	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.00944/0.04	PASS
FLONICAMID	0.1 µg/g	ND	0.00398/0.02	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00208/0.02	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.01369/0.04	PASS	SPIROXAMINE	Any amt	ND	0.00344/0.02	PASS
HEXYTHIAZOX	0.1 µg/g	< LOQ	0.00297/0.02	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00816/0.04	PASS
IMAZALIL	Any amt	ND	0.0056/0.02	PASS	THIACLOPRID	Any amt	ND	0.0039/0.02	PASS
IMIDACLOPRID	5 µg/g	ND	0.00645/0.02	PASS	THIAMETHOXAM	5 µg/g	ND	0.00358/0.02	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00339/0.02	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00421/0.02	PASS
MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS					

## BCL-13: PESTICIDE TESTING BY GC/MS // MAR 27, 2022

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	0.03122/0.09454	PASS	CHLORPYRIFOS	Any amt	ND	0.0111/0.03371	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01169/0.03543	PASS
CHLORDANE CIS		ND	0.01104/0.03347	N/A	METHYL PARATHION	Any amt	ND	0.01341/0.04065	PASS
CHLORDANE TRANS		ND	0.01056/0.03193	N/A					



# REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.0238/0.07205 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.01395/0.04231 PASS

## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // MAR 26, 2022

ANALYTE	LIMIT AMT (µg/g)	AMT	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 // MAR 26, 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 // MAR 25, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.49	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAR 24, 2022

ANALYTE	LIMIT AMT (%)	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 // MAR 26, 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 // MAR 25, 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	0.078	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // MAR 25, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		8.90	N/A

