

## CERTIFICATE OF ANALYSIS

PRODUCED: APR 23, 2022

SAMPLE: PEANUT BUTTER BREATH (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS  
NON-INFUSED PRE ROLL



**BATCH NO.:** GHFPBB0401PR  
**METRC UID:** 1A406030003DC49000000616  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-220419-148  
**COLLECTED ON:** APR 19, 2022  
**RECEIVED ON:** APR 19, 2022  
**BATCH/SAMPLE SIZE:** 2724 UNITS / 13 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>22.55663 %</b>
<b>TOTAL CBD:</b>	<b>0.06863 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>26.83861 %</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 21, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.01097/0.2493	N/A
CBCA	0.22896 %	2.2896 mg/g	0.03141/0.2493	N/A
CBD	ND	ND	0.01546/0.2493	N/A
CBDA	0.07825 %	0.7825 mg/g	0.00798/0.2493	N/A
CBDV	ND	ND	0.01197/0.2493	N/A
CBDVA	ND	ND	0.00798/0.2493	N/A
CBG	0.06298 %	0.6298 mg/g	0.01446/0.2493	N/A
CBGA	0.76803 %	7.6803 mg/g	0.00997/0.2493	N/A
CBN	ND	ND	0.00798/0.2493	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02892/0.2493	N/A
Δ <sup>9</sup> -THC	1.14091 %	11.4091 mg/g	0.02094/0.2493	N/A
THCA	24.41929 %	244.1929 mg/g	0.01496/0.2493	N/A
THCV	ND	ND	0.01645/0.2493	N/A
THCVA	0.14019 %	1.4019 mg/g	0.01147/0.2493	N/A
TOT THC**	22.55663 %	225.5663 mg/g		N/A
TOT CBD**	0.06863 %	0.6863 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	11.41 mg			N/A
TOT CBD/PKG**	0.69 mg			N/A
TOT THC/PKG**	225.57 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // APR 21, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.80195 %	8.0195 mg/g		N/A
D-LIMONENE	0.26407 %	2.6407 mg/g	0.00025/0.1395	N/A
β-CARYOPHYLLENE	0.24168 %	2.4168 mg/g	0.00191/0.1395	N/A
α-HUMULENE	0.10751 %	1.0751 mg/g	0.00047/0.1395	N/A
β-PINENE	0.04460 %	0.4460 mg/g	0.00226/0.1395	N/A
β-MYRCENE	0.04173 %	0.4173 mg/g	0.00038/0.1395	N/A
α-BISABOLOL	0.04083 %	0.4083 mg/g	0.00435/0.1395	N/A
α-PINENE	0.03302 %	0.3302 mg/g	0.00022/0.1395	N/A
LINALOOL	0.02851 %	0.2851 mg/g	0.00037/0.1395	N/A
β-OCIMENE	< LOQ	< LOQ	0.0005/0.09625	N/A
CAMPHENE	< LOQ	< LOQ	0.00022/0.1395	N/A
TERPINOLENE	< LOQ	< LOQ	0.0003/0.1395	N/A
α-TERPINENE	ND	ND	0.0003/0.1395	N/A
α-OCIMENE	ND	ND	0.00135/0.04324	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00046/0.1395	N/A
EUCALYPTOL	ND	ND	0.00047/0.1395	N/A
γ-TERPINENE	ND	ND	0.00047/0.1395	N/A
GERANIOL	ND	ND	0.00029/0.1395	N/A
GUAIOL	ND	ND	0.00273/0.1395	N/A
ISOPULEGOL	ND	ND	0.00054/0.1395	N/A
P-CYME	ND	ND	0.00027/0.1395	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 23, 2022



## BCL-13: PESTICIDE TESTING BY GC/MS // APR 21, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03135/0.09493	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01108/0.03361	N/A
CHLORDANE TRANS		ND	0.01061/0.03206	N/A
CHLORFENAPYR	Any amt	ND	0.0239/0.07235	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01114/0.03385	PASS
DICHLORVOS	Any amt	ND	0.01174/0.03558	PASS
METHYL PARATHION	Any amt	ND	0.01347/0.04082	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.014/0.04249	PASS

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 21, 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 21, 2022**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16686/0.58207	PASS
ACETONE	5000 µg/g	ND	18.78153/58.20722	PASS
ACETONITRILE	410 µg/g	ND	16.66667/58.20722	PASS
BENZENE	1 µg/g	ND	0.07373/0.58207	PASS
BUTANE	5000 µg/g	ND	17.5747/58.20722	PASS
CHLOROFORM	1 µg/g	ND	0.17074/0.58207	PASS
ETHANOL	5000 µg/g	ND	14.40823/58.20722	PASS
ETHYL ACETATE	5000 µg/g	ND	17.79201/58.20722	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18626/0.58207	PASS
ETHYL ETHER	5000 µg/g	ND	15.67326/58.20722	PASS
HEPTANE	5000 µg/g	ND	13.71362/58.20722	PASS
HEXANE	290 µg/g	ND	21.1137/97.01203	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.5518/58.20722	PASS
METHANOL	3000 µg/g	ND	13.05006/58.20722	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14746/0.58207	PASS
PENTANE	5000 µg/g	ND	32.09158/97.01203	PASS
PROPANE	5000 µg/g	ND	16.5813/58.20722	PASS
TOLUENE	890 µg/g	ND	9.16182/58.20722	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07761/0.58207	PASS
O-XYLENE		ND	4.33838/29.10361	N/A
P- AND M-XYLENE		ND	4.02018/29.10361	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // APR 21, 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 20, 2022**

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.50	PASS

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 20, 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 21, 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 20, 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	0.050	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

**BCL-02: MOISTURE CONTENT BY GRAVIMETRY // APR 22, 2022**

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		7.60	N/A

