

## CERTIFICATE OF ANALYSIS

PRODUCED: FEB 20, 2022

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



**BATCH NO.:** GHFOCR0207PR  
**METRC UID:** 1A406030000A423000004745  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-220217-062  
**COLLECTED ON:** FEB 17, 2022  
**RECEIVED ON:** FEB 17, 2022  
**BATCH/SAMPLE SIZE:** 1638 UNITS / 13 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>22.01227 %</b>
<b>TOTAL CBD:</b>	<b>0.06332 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>25.45223 %</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 // FEB 20, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.05081 %	0.5081 mg/g	0.011/0.24995	N/A
CBCA	0.14898 %	1.4898 mg/g	0.03149/0.24995	N/A
CBD	ND	ND	0.0155/0.24995	N/A
CBDA	0.07220 %	0.7220 mg/g	0.008/0.24995	N/A
CBDV	ND	ND	0.012/0.24995	N/A
CBDVA	ND	ND	0.008/0.24995	N/A
CBG	0.14652 %	1.4652 mg/g	0.0145/0.24995	N/A
CBGA	0.41200 %	4.1200 mg/g	0.01/0.24995	N/A
CBN	0.20926 %	2.0926 mg/g	0.008/0.24995	N/A
Δ <sup>8</sup> -THC	ND	ND	0.02899/0.24995	N/A
Δ <sup>9</sup> -THC	5.60572 %	56.0572 mg/g	0.021/0.24995	N/A
THCA	18.70758 %	187.0758 mg/g	0.015/0.24995	N/A
THCV	ND	ND	0.0165/0.24995	N/A
THCVA	0.09916 %	0.9916 mg/g	0.0115/0.24995	N/A
TOT THC **	22.01227 %	220.1227 mg/g		N/A
TOT CBD **	0.06332 %	0.6332 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	56.06 mg			N/A
TOT CBD/PKG **	0.63 mg			N/A
TOT THC/PKG **	220.12 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // FEB 19, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.41544 %	4.1544 mg/g		N/A
β-CARYOPHYLLENE	0.12477 %	1.2477 mg/g	0.00184/0.13379	N/A
TERPINOLENE	0.10056 %	1.0056 mg/g	0.00028/0.13379	N/A
D-LIMONENE	0.04511 %	0.4511 mg/g	0.00024/0.13379	N/A
α-HUMULENE	0.03984 %	0.3984 mg/g	0.00045/0.13379	N/A
β-MYRCENE	0.03821 %	0.3821 mg/g	0.00036/0.13379	N/A
α-BISABOLOL	0.03039 %	0.3039 mg/g	0.00417/0.13379	N/A
LINALOOL	0.02089 %	0.2089 mg/g	0.00035/0.13379	N/A
β-PINENE	0.01567 %	0.1567 mg/g	0.00217/0.13379	N/A
P-CYMENE	< LOQ	< LOQ	0.00026/0.13379	N/A
γ-TERPINENE	< LOQ	< LOQ	0.00045/0.13379	N/A
α-PINENE	< LOQ	< LOQ	0.00021/0.13379	N/A
Δ <sup>3</sup> -CARENE	< LOQ	< LOQ	0.00044/0.13379	N/A
α-TERPINENE	< LOQ	< LOQ	0.00029/0.13379	N/A
EUCALYPTOL	ND	ND	0.00045/0.13379	N/A
CAMPHENE	ND	ND	0.00021/0.13379	N/A
GERANIOL	ND	ND	0.00028/0.13379	N/A
GUAJOL	ND	ND	0.00261/0.13379	N/A
ISOPULEGOL	ND	ND	0.00052/0.13379	N/A
β-OCIMENE	ND	ND	0.00048/0.09232	N/A
α-OCIMENE	ND	ND	0.00129/0.04148	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  
FEB 20, 2022



# REGULATORY COMPLIANCE TESTING

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // FEB 19, 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	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 // FEB 19, 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	0.01977/0.06	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	PENTACHLORONITROBENZENE	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 // FEB 19, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.1666/0.58117	PASS
ACETONE	5000 µg/g	ND	18.75242/58.11701	PASS
ACETONITRILE	410 µg/g	ND	16.64084/58.11701	PASS
BENZENE	1 µg/g	ND	0.07361/0.58117	PASS
BUTANE	5000 µg/g	ND	17.54746/58.11701	PASS
CHLOROFORM	1 µg/g	ND	0.17048/0.58117	PASS
ETHANOL	5000 µg/g	ND	14.3859/58.11701	PASS
ETHYL ACETATE	5000 µg/g	ND	17.76443/58.11701	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18597/0.58117	PASS
ETHYL ETHER	5000 µg/g	ND	15.64897/58.11701	PASS
HEPTANE	5000 µg/g	ND	13.69237/58.11701	PASS
HEXANE	290 µg/g	ND	21.08098/96.86168	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.52925/58.11701	PASS
METHANOL	3000 µg/g	ND	13.02983/58.11701	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14723/0.58117	PASS
PENTANE	5000 µg/g	ND	32.04184/96.86168	PASS
PROPANE	5000 µg/g	ND	16.5556/58.11701	PASS
TOLUENE	890 µg/g	ND	9.14762/58.11701	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07749/0.58117	PASS
O-XYLENE		ND	4.33165/29.0585	N/A
P- AND M-XYLENE		ND	4.01395/29.0585	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

## BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // FEB 19, 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 // FEB 18, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.37	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // FEB 18, 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 // FEB 19, 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 // FEB 18, 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	0.081	0.0003/0.05	PASS
MERCURY	0.1 µg/g	0.010	0.0001/0.01	PASS

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // FEB 18, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		8.60	N/A

