

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 08, 2021

SAMPLE: CROP DUSTER (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFCRP1123PR
METRC UID: 1A406030000A423000004190
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211203-158
COLLECTED ON: DEC 03, 2021
RECEIVED ON: DEC 03, 2021
BATCH/SAMPLE SIZE: 1340 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	29.89308 %
TOTAL CBD:	0.07087 %
TOTAL CANNABINOIDS:	35.16179 %

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 // DEC 07, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.01081/0.24568	N/A
CBCA	0.21766 %	2.1766 mg/g	0.03096/0.24568	N/A
CBD	ND	ND	0.01523/0.24568	N/A
CBDA	0.08081 %	0.8081 mg/g	0.00786/0.24568	N/A
CBDV	ND	ND	0.01179/0.24568	N/A
CBDVA	ND	ND	0.00786/0.24568	N/A
CBG	0.15729 %	1.5729 mg/g	0.01425/0.24568	N/A
CBGA	0.70749 %	7.0749 mg/g	0.00983/0.24568	N/A
CBN	ND	ND	0.00786/0.24568	N/A
Δ ⁸ -THC	ND	ND	0.0285/0.24568	N/A
Δ ⁹ -THC	1.32469 %	13.2469 mg/g	0.02064/0.24568	N/A
THCA	32.57513 %	325.7513 mg/g	0.01474/0.24568	N/A
THCV	ND	ND	0.01621/0.24568	N/A
THCVA	0.09872 %	0.9872 mg/g	0.0113/0.24568	N/A
TOT THC **	29.89308 %	298.9308 mg/g		N/A
TOT CBD **	0.07087 %	0.7087 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	13.25 mg			N/A
TOT CBD/PKG **	0.71 mg			N/A
TOT THC/PKG **	298.93 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 06, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.16383 %	11.6383 mg/g		N/A
β-CARYOPHYLLENE	0.42027 %	4.2027 mg/g	1.75751/128.11127	N/A
D-LIMONENE	0.33643 %	3.3643 mg/g	0.22942/128.11127	N/A
α-HUMULENE	0.14262 %	1.4262 mg/g	0.4296/128.11127	N/A
β-MYRCENE	0.06664 %	0.6664 mg/g	0.34823/128.11127	N/A
β-PINENE	0.05116 %	0.5116 mg/g	2.07401/128.11127	N/A
LINALOOL	0.04035 %	0.4035 mg/g	0.33956/128.11127	N/A
α-PINENE	0.03679 %	0.3679 mg/g	0.19779/128.11127	N/A
α-BISABOLOL	0.03627 %	0.3627 mg/g	3.99479/128.11127	N/A
β-OCIMENE	0.03330 %	0.3330 mg/g	0.45864/88.39678	N/A
CAMPHENE	< LOQ	< LOQ	0.19896/128.11127	N/A
GERANIOL	< LOQ	< LOQ	0.26695/128.11127	N/A
TERPINOLENE	< LOQ	< LOQ	0.27094/128.11127	N/A
α-TERPINENE	ND	ND	0.27555/128.11127	N/A
Δ ³ -CARENE	ND	ND	0.42223/128.11127	N/A
EUCALYPTOL	ND	ND	0.42894/128.11127	N/A
γ-TERPINENE	ND	ND	0.43241/128.11127	N/A
GUAIOL	ND	ND	2.50276/128.11127	N/A
ISOPULEGOL	ND	ND	0.49969/128.11127	N/A
α-OCIMENE	ND	ND	1.23688/39.71449	N/A
P-CYMENE	ND	ND	0.24966/128.11127	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.
 LABORATORY DIRECTOR, BELCOSTA LABS
 DEC 08, 2021



REGULATORY COMPLIANCE TESTING

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 07, 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 // DEC 07, 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 // DEC 05, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16263/0.56732	PASS
ACETONE	5000 µg/g	ND	18.3056/56.73222	PASS
ACETONITRILE	410 µg/g	ND	16.24433/56.73222	PASS
BENZENE	1 µg/g	ND	0.07186/0.56732	PASS
BUTANE	5000 µg/g	ND	17.12935/56.73222	PASS
CHLOROFORM	1 µg/g	ND	0.16641/0.56732	PASS
ETHANOL	5000 µg/g	ND	14.04312/56.73222	PASS
ETHYL ACETATE	5000 µg/g	ND	17.34115/56.73222	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18154/0.56732	PASS
ETHYL ETHER	5000 µg/g	ND	15.2761/56.73222	PASS
HEPTANE	5000 µg/g	ND	13.36611/56.73222	PASS
HEXANE	290 µg/g	ND	20.57867/94.55371	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.18306/56.73222	PASS
METHANOL	3000 µg/g	ND	12.71936/56.73222	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14372/0.56732	PASS
PENTANE	5000 µg/g	ND	31.27837/94.55371	PASS
PROPANE	5000 µg/g	ND	16.16112/56.73222	PASS
TOLUENE	890 µg/g	ND	8.92965/56.73222	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07564/0.56732	PASS
O-XYLENE		ND	4.22844/28.36611	N/A
P- AND M-XYLENE		ND	3.91831/28.36611	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 07, 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 // DEC 05, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.46	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 04, 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 // DEC 05, 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 // DEC 06, 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	< LOQ	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // DEC 05, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		12.50	N/A

