

CERTIFICATE OF ANALYSIS

PRODUCED: JUL 13, 2021

SAMPLE: WEDDING CAKE (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFWDC0630PR
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-210708-198
COLLECTED ON: JUL 08, 2021
RECEIVED ON: JUL 08, 2021
BATCH/SAMPLE SIZE: 1550 U / 13 U
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	26.03046 %
TOTAL CBD:	0.05958 %
TOTAL CANNABINOIDS:	31.00478 %

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

POTENCY	TERP	PEST PASS	MOIST	MICRO PASS
MYCO PASS	METALS PASS	WATER PASS	FOREIGN PASS	SOLVENT PASS

BCL-03: CANNABINOID POTENCY BY HPLC-UV // JUL 13, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.02521 %	0.2521 mg/g	0.01058/0.24052	N/A
CBCA	0.19144 %	1.9144 mg/g	0.03031/0.24052	N/A
CBD	ND	ND	0.01491/0.24052	N/A
CBDA	0.06794 %	0.6794 mg/g	0.0077/0.24052	N/A
CBDV	ND	ND	0.01155/0.24052	N/A
CBDVA	ND	ND	0.0077/0.24052	N/A
CBG	0.09774 %	0.9774 mg/g	0.01395/0.24052	N/A
CBGA	1.09868 %	10.9868 mg/g	0.00962/0.24052	N/A
CBN	ND	ND	0.0077/0.24052	N/A
Δ ⁸ -THC	ND	ND	0.0279/0.24052	N/A
Δ ⁹ -THC	1.94281 %	19.4281 mg/g	0.0202/0.24052	N/A
THCA	27.46596 %	274.6596 mg/g	0.01443/0.24052	N/A
THCV	ND	ND	0.01587/0.24052	N/A
THCVA	0.11500 %	1.1500 mg/g	0.01106/0.24052	N/A
TOT THC **	26.03046 %	260.3046 mg/g		N/A
TOT CBD **	0.05958 %	0.5958 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	19.43 mg			N/A
TOT CBD/PKG **	0.60 mg			N/A
TOT THC/PKG **	260.30 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // JUL 10, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.24609 %	12.4609 mg/g		N/A
β-CARYOPHYLLENE	0.53872 %	5.3872 mg/g	1.79765/131.03706	N/A
α-HUMULENE	0.18198 %	1.8198 mg/g	0.43941/131.03706	N/A
LINALOOL	0.17082 %	1.7082 mg/g	0.34731/131.03706	N/A
D-LIMONENE	0.16184 %	1.6184 mg/g	0.23466/131.03706	N/A
β-MYRCENE	0.11352 %	1.1352 mg/g	0.35618/131.03706	N/A
α-BISABOLOL	0.05199 %	0.5199 mg/g	4.08602/131.03706	N/A
β-PINENE	0.02722 %	0.2722 mg/g	2.12137/131.03706	N/A
CAMPHENE	< LOQ	< LOQ	0.2035/131.03706	N/A
α-PINENE	< LOQ	< LOQ	0.20231/131.03706	N/A
GERANIOL	< LOQ	< LOQ	0.27304/131.03706	N/A
α-TERPINENE	ND	ND	0.28185/131.03706	N/A
β-OCIMENE	ND	ND	0.46911/90.41557	N/A
Δ ³ -CARENE	ND	ND	0.43187/131.03706	N/A
EUCALYPTOL	ND	ND	0.43874/131.03706	N/A
γ-TERPINENE	ND	ND	0.44229/131.03706	N/A
GUAIOL	ND	ND	2.55991/131.03706	N/A
ISOPULEGOL	ND	ND	0.5111/131.03706	N/A
α-OCIMENE	ND	ND	1.26512/40.62149	N/A
P-CYMENE	ND	ND	0.25537/131.03706	N/A
TERPINOLENE	ND	ND	0.27713/131.03706	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
 JUL 13, 2021



BCL-13: PESTICIDE TESTING BY GC/MS // JUL 11, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.01977/0.06	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01199/0.03	N/A
CHLORDANE TRANS		ND	0.01082/0.03	N/A
CHLORFENAPYR	Any amt	ND	0.01364/0.06	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01653/0.06	PASS
DICHLORVOS	Any amt	ND	0.01165/0.06	PASS
METHYL PARATHION	Any amt	ND	0.00851/0.06	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01282/0.06	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JUL 11, 2021

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
MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS
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
PIPERONYLBUTOXIDE	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	0.00726/0.04	PASS
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
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00421/0.02	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // JUL 10, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16751/0.58434	PASS
ACETONE	5000 µg/g	ND	18.85469/58.43397	PASS
ACETONITRILE	410 µg/g	ND	16.73159/58.43397	PASS
BENZENE	1 µg/g	ND	0.07402/0.58434	PASS
BUTANE	5000 µg/g	ND	17.64316/58.43397	PASS
CHLOROFORM	1 µg/g	ND	0.17141/0.58434	PASS
ETHANOL	5000 µg/g	ND	14.46436/58.43397	PASS
ETHYL ACETATE	5000 µg/g	ND	17.86132/58.43397	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18699/0.58434	PASS
ETHYL ETHER	5000 µg/g	ND	15.73432/58.43397	PASS
HEPTANE	5000 µg/g	ND	13.76704/58.43397	PASS
HEXANE	290 µg/g	ND	21.19595/97.38995	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.60849/58.43397	PASS
METHANOL	3000 µg/g	ND	13.1009/58.43397	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14803/0.58434	PASS
PENTANE	5000 µg/g	ND	32.2166/97.38995	PASS
PROPANE	5000 µg/g	ND	16.64589/58.43397	PASS
TOLUENE	890 µg/g	ND	9.19751/58.43397	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07791/0.58434	PASS
O-XYLENE		ND	4.35528/29.21698	N/A
P- AND M-XYLENE		ND	4.03584/29.21698	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // JUL 11, 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 // JUL 11, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.59	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // JUL 09, 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 // JUL 10, 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 // JUL 10, 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 // JUL 10, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		12.20	N/A

