

CERTIFICATE OF ANALYSIS

PRODUCED: AUG 29, 2021

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



BATCH NO.: GHFICC0819PR
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-210825-040
COLLECTED ON: AUG 25, 2021
RECEIVED ON: AUG 25, 2021
BATCH/SAMPLE SIZE: 3050 U / 13 U
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	29.45031 %
TOTAL CBD:	0.0794 %
TOTAL CANNABINOIDS:	35.45513 %

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 // AUG 28, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.05941 %	0.5941 mg/g	0.01079/0.24529	N/A
CBCA	0.65852 %	6.5852 mg/g	0.03091/0.24529	N/A
CBD	ND	ND	0.01521/0.24529	N/A
CBDA	0.09054 %	0.9054 mg/g	0.00785/0.24529	N/A
CBDV	< LOQ	< LOQ	0.01177/0.24529	N/A
CBDVA	< LOQ	< LOQ	0.00785/0.24529	N/A
CBG	0.12308 %	1.2308 mg/g	0.01423/0.24529	N/A
CBGA	1.06684 %	10.6684 mg/g	0.00981/0.24529	N/A
CBN	ND	ND	0.00785/0.24529	N/A
Δ ⁸ -THC	ND	ND	0.02845/0.24529	N/A
Δ ⁹ -THC	1.85543 %	18.5543 mg/g	0.0206/0.24529	N/A
THCA	31.46509 %	314.6509 mg/g	0.01472/0.24529	N/A
THCV	ND	ND	0.01619/0.24529	N/A
THCVA	0.13622 %	1.3622 mg/g	0.01128/0.24529	N/A
TOT THC **	29.45031 %	294.5031 mg/g		N/A
TOT CBD **	0.07940 %	0.7940 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	18.55 mg			N/A
TOT CBD/PKG **	0.79 mg			N/A
TOT THC/PKG **	294.50 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // AUG 27, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	0.62091 %	6.2091 mg/g		N/A
β-CARYOPHYLLENE	0.26838 %	2.6838 mg/g	1.75526/127.94736	N/A
LINALOOL	0.09078 %	0.9078 mg/g	0.33912/127.94736	N/A
α-HUMULENE	0.08913 %	0.8913 mg/g	0.42905/127.94736	N/A
D-LIMONENE	0.08238 %	0.8238 mg/g	0.22913/127.94736	N/A
α-BISABOLOL	0.05095 %	0.5095 mg/g	3.98968/127.94736	N/A
β-MYRCENE	0.02486 %	0.2486 mg/g	0.34779/127.94736	N/A
β-PINENE	0.01443 %	0.1443 mg/g	2.07135/127.94736	N/A
CAMPHENE	< LOQ	< LOQ	0.1987/127.94736	N/A
α-PINENE	< LOQ	< LOQ	0.19754/127.94736	N/A
α-TERPINENE	ND	ND	0.2752/127.94736	N/A
β-OCIMENE	ND	ND	0.45805/88.28368	N/A
Δ ³ -CARENE	ND	ND	0.42169/127.94736	N/A
EUCALYPTOL	ND	ND	0.42839/127.94736	N/A
γ-TERPINENE	ND	ND	0.43186/127.94736	N/A
GERANIOL	ND	ND	0.2666/127.94736	N/A
GUAJOL	ND	ND	2.49955/127.94736	N/A
ISOPULEGOL	ND	ND	0.49905/127.94736	N/A
α-OCIMENE	ND	ND	1.23529/39.66368	N/A
P-CYMENE	ND	ND	0.24934/127.94736	N/A
TERPINOLENE	ND	ND	0.2706/127.94736	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 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
 AUG 29, 2021



BCL-13: PESTICIDE TESTING BY GC/MS // AUG 27, 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 // AUG 28, 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 // AUG 27, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17063/0.59524	PASS
ACETONE	5000 µg/g	ND	19.20635/59.52381	PASS
ACETONITRILE	410 µg/g	ND	17.04365/59.52381	PASS
BENZENE	1 µg/g	ND	0.0754/0.59524	PASS
BUTANE	5000 µg/g	ND	17.97222/59.52381	PASS
CHLOROFORM	1 µg/g	ND	0.1746/0.59524	PASS
ETHANOL	5000 µg/g	ND	14.73413/59.52381	PASS
ETHYL ACETATE	5000 µg/g	ND	18.19444/59.52381	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.19048/0.59524	PASS
ETHYL ETHER	5000 µg/g	ND	16.02778/59.52381	PASS
HEPTANE	5000 µg/g	ND	14.02381/59.52381	PASS
HEXANE	290 µg/g	ND	21.59127/99.20635	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.88095/59.52381	PASS
METHANOL	3000 µg/g	ND	13.34524/59.52381	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15079/0.59524	PASS
PENTANE	5000 µg/g	ND	32.81746/99.20635	PASS
PROPANE	5000 µg/g	ND	16.95635/59.52381	PASS
TOLUENE	890 µg/g	ND	9.36905/59.52381	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07937/0.59524	PASS
O-XYLENE		ND	4.43651/29.7619	N/A
P- AND M-XYLENE		ND	4.11111/29.7619	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // AUG 28, 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 // AUG 27, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.56	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 26, 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 // AUG 27, 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 // AUG 27, 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 // AUG 26, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		10.00	N/A

