

CERTIFICATE OF ANALYSIS

PRODUCED: MAY 16, 2022

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



BATCH NO.: GHFSUG0430PR
METRC UID: 1A406030003DC49000001657
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-220513-040
COLLECTED ON: MAY 13, 2022
RECEIVED ON: MAY 13, 2022
BATCH/SAMPLE SIZE: 1104 UNITS / 12 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	27.92049 %
TOTAL CBD:	0.06316 %
SUM OF CANNABINOIDS:	32.7109 %

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 // MAY 15, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.04655 %	0.4655 mg/g	0.0106/0.24094	N/A
CBCA	0.49226 %	4.9226 mg/g	0.03036/0.24094	N/A
CBD	ND	ND	0.01494/0.24094	N/A
CBDA	0.07202 %	0.7202 mg/g	0.00771/0.24094	N/A
CBDV	ND	ND	0.01157/0.24094	N/A
CBDVA	ND	ND	0.00771/0.24094	N/A
CBG	0.09188 %	0.9188 mg/g	0.01397/0.24094	N/A
CBGA	0.39546 %	3.9546 mg/g	0.00964/0.24094	N/A
CBN	ND	ND	0.00771/0.24094	N/A
Δ ⁸ -THC	ND	ND	0.02795/0.24094	N/A
Δ ⁹ -THC	2.16878 %	21.6878 mg/g	0.02024/0.24094	N/A
THCA	29.36341 %	293.6341 mg/g	0.01446/0.24094	N/A
THCV	ND	ND	0.0159/0.24094	N/A
THCVA	0.08054 %	0.8054 mg/g	0.01108/0.24094	N/A
TOT THC**	27.92049 %	279.2049 mg/g		N/A
TOT CBD**	0.06316 %	0.6316 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	21.69 mg			N/A
TOT CBD/PKG**	0.63 mg			N/A
TOT THC/PKG**	279.20 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // MAY 16, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.07057 %	10.7057 mg/g		N/A
β-CARYOPHYLLENE	0.40966 %	4.0966 mg/g	0.0019/0.13842	N/A
α-HUMULENE	0.13339 %	1.3339 mg/g	0.00046/0.13842	N/A
LINALOOL	0.12295 %	1.2295 mg/g	0.00037/0.13842	N/A
D-LIMONENE	0.23990 %	2.3990 mg/g	0.00025/0.13842	N/A
β-MYRCENE	0.05247 %	0.5247 mg/g	0.00038/0.13842	N/A
α-BISABOLOL	0.05214 %	0.5214 mg/g	0.00432/0.13842	N/A
β-PINENE	0.04023 %	0.4023 mg/g	0.00224/0.13842	N/A
α-PINENE	0.01983 %	0.1983 mg/g	0.00021/0.13842	N/A
CAMPHENE	< LOQ	< LOQ	0.00021/0.13842	N/A
GERANIOL	< LOQ	< LOQ	0.00029/0.13842	N/A
α-TERPINENE	ND	ND	0.0003/0.13842	N/A
β-OCIMENE	ND	ND	0.0005/0.09551	N/A
Δ ³ -CARENE	ND	ND	0.00046/0.13842	N/A
EUCALYPTOL	ND	ND	0.00046/0.13842	N/A
γ-TERPINENE	ND	ND	0.00047/0.13842	N/A
GUAIOL	ND	ND	0.0027/0.13842	N/A
ISOPULEGOL	ND	ND	0.00054/0.13842	N/A
α-OCIMENE	ND	ND	0.00134/0.04291	N/A
P-CYMELE	ND	ND	0.00027/0.13842	N/A
TERPINOLENE	ND	ND	0.00029/0.13842	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
MAY 16, 2022



BCL-13: PESTICIDE TESTING BY GC/MS // MAY 15, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03156/0.09558	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01116/0.03384	N/A
CHLORDANE TRANS		ND	0.01068/0.03228	N/A
CHLORFENAPYR	Any amt	ND	0.02406/0.07284	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01122/0.03408	PASS
DICHLORVOS	Any amt	ND	0.01182/0.03582	PASS
METHYL PARATHION	Any amt	ND	0.01356/0.0411	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.0141/0.04278	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAY 15, 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	< LOQ		PASS
PYRETHRINS PYRETHRIN I		< LOQ	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 // MAY 15, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17016/0.59359	PASS
ACETONE	5000 µg/g	ND	19.15315/59.35892	PASS
ACETONITRILE	410 µg/g	ND	16.99644/59.35892	PASS
BENZENE	1 µg/g	ND	0.07519/0.59359	PASS
BUTANE	5000 µg/g	ND	17.92244/59.35892	PASS
CHLOROFORM	1 µg/g	ND	0.17412/0.59359	PASS
ETHANOL	5000 µg/g	ND	14.69331/59.35892	PASS
ETHYL ACETATE	5000 µg/g	ND	18.14404/59.35892	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18995/0.59359	PASS
ETHYL ETHER	5000 µg/g	ND	15.98338/59.35892	PASS
HEPTANE	5000 µg/g	ND	13.98496/59.35892	PASS
HEXANE	290 µg/g	ND	21.53146/98.93154	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.83973/59.35892	PASS
METHANOL	3000 µg/g	ND	13.30827/59.35892	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15038/0.59359	PASS
PENTANE	5000 µg/g	ND	32.72655/98.93154	PASS
PROPANE	5000 µg/g	ND	16.90938/59.35892	PASS
TOLUENE	890 µg/g	ND	9.34309/59.35892	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07915/0.59359	PASS
O-XYLENE		ND	4.42422/29.67946	N/A
P- AND M-XYLENE		ND	4.09972/29.67946	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // MAY 15, 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 // MAY 15, 2022

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

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAY 14, 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 // MAY 15, 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 // MAY 14, 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	< LOQ	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // MAY 14, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		9.00	N/A

