

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 21, 2021

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



BATCH NO.: GHFGAM1207PR
METRC UID: 1A406030000A423000004323
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211217-103
COLLECTED ON: DEC 17, 2021
RECEIVED ON: DEC 17, 2021
BATCH/SAMPLE SIZE: 950 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	27.98633 %
TOTAL CBD:	0.05801 %
TOTAL CANNABINOIDS:	33.6942 %

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 20, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.03842 %	0.3842 mg/g	0.01096/0.2491	N/A
CBCA	0.22456 %	2.2456 mg/g	0.03139/0.2491	N/A
CBD	ND	ND	0.01544/0.2491	N/A
CBDA	0.06615 %	0.6615 mg/g	0.00797/0.2491	N/A
CBDV	ND	ND	0.01196/0.2491	N/A
CBDVA	ND	ND	0.00797/0.2491	N/A
CBG	0.07901 %	0.7901 mg/g	0.01445/0.2491	N/A
CBGA	1.50759 %	15.0759 mg/g	0.00996/0.2491	N/A
CBN	ND	ND	0.00797/0.2491	N/A
Δ ⁸ -THC	ND	ND	0.0289/0.2491	N/A
Δ ⁹ -THC	1.71236 %	17.1236 mg/g	0.02092/0.2491	N/A
THCA	29.95892 %	299.5892 mg/g	0.01495/0.2491	N/A
THCV	ND	ND	0.01644/0.2491	N/A
THCVA	0.10719 %	1.0719 mg/g	0.01146/0.2491	N/A
TOT THC **	27.98633 %	279.8633 mg/g		N/A
TOT CBD **	0.05801 %	0.5801 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	17.12 mg			N/A
TOT CBD/PKG **	0.58 mg			N/A
TOT THC/PKG **	279.86 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 19, 2021

ANALYTE	AMT	AMT	LOD/LOQ (μg/g)	PASS/FAIL
TOTAL TERPENES	1.26073 %	12.6073 mg/g		N/A
β-CARYOPHYLLENE	0.52941 %	5.2941 mg/g	1.87522/136.69205	N/A
D-LIMONENE	0.25559 %	2.5559 mg/g	0.24479/136.69205	N/A
α-HUMULENE	0.17333 %	1.7333 mg/g	0.45837/136.69205	N/A
LINALOOL	0.15394 %	1.5394 mg/g	0.36223/136.69205	N/A
β-MYRCENE	0.06351 %	0.6351 mg/g	0.37156/136.69205	N/A
β-PINENE	0.03412 %	0.3412 mg/g	2.21292/136.69205	N/A
α-BISABOLOL	0.03410 %	0.3410 mg/g	4.26236/136.69205	N/A
α-PINENE	0.01673 %	0.1673 mg/g	0.21104/136.69205	N/A
CAMPHENE	< LOQ	< LOQ	0.21228/136.69205	N/A
β-OCIMENE	ND	ND	0.48936/94.31752	N/A
α-TERPINENE	ND	ND	0.29401/136.69205	N/A
Δ ³ -CARENE	ND	ND	0.45051/136.69205	N/A
EUCALYPTOL	ND	ND	0.45767/136.69205	N/A
γ-TERPINENE	ND	ND	0.46138/136.69205	N/A
GERANIOL	ND	ND	0.28483/136.69205	N/A
GUAIOL	ND	ND	2.67039/136.69205	N/A
ISOPULEGOL	ND	ND	0.53315/136.69205	N/A
α-OCIMENE	ND	ND	1.31972/42.37454	N/A
P-CYMELE	ND	ND	0.26639/136.69205	N/A
TERPINOLENE	ND	ND	0.28909/136.69205	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 21, 2021

REGULATORY COMPLIANCE TESTING

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 19, 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 19, 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 19, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.14557/0.50779	PASS
ACETONE	5000 µg/g	ND	16.38456/50.77861	PASS
ACETONITRILE	410 µg/g	ND	14.53961/50.77861	PASS
BENZENE	1 µg/g	ND	0.06432/0.50779	PASS
BUTANE	5000 µg/g	ND	15.33175/50.77861	PASS
CHLOROFORM	1 µg/g	ND	0.14895/0.50779	PASS
ETHANOL	5000 µg/g	ND	12.5694/50.77861	PASS
ETHYL ACETATE	5000 µg/g	ND	15.52133/50.77861	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.16249/0.50779	PASS
ETHYL ETHER	5000 µg/g	ND	13.67299/50.77861	PASS
HEPTANE	5000 µg/g	ND	11.96344/50.77861	PASS
HEXANE	290 µg/g	ND	18.41909/84.63101	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	12.69465/50.77861	PASS
METHANOL	3000 µg/g	ND	11.38456/50.77861	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.12864/0.50779	PASS
PENTANE	5000 µg/g	ND	27.99594/84.63101	PASS
PROPANE	5000 µg/g	ND	14.46513/50.77861	PASS
TOLUENE	890 µg/g	ND	7.99255/50.77861	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.0677/0.50779	PASS
O-XYLENE		ND	3.7847/25.3893	N/A
P- AND M-XYLENE		ND	3.50711/25.3893	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 19, 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 19, 2021

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

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 18, 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 19, 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 19, 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 18, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		10.90	N/A

