

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 25, 2021

SAMPLE: JEALOUSY (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS
5 X 0.5G PRE-ROLLS PER UNIT



BATCH NO.: GHFJF31217MP
METRC UID: 1A406030000A423000004335
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211223-078
COLLECTED ON: DEC 23, 2021
RECEIVED ON: DEC 23, 2021
BATCH/SAMPLE SIZE: 1020 UNITS / 12 UNITS
PACKAGE SIZE: 2.5 G

CANNABINOID OVERVIEW

TOTAL THC:	21.61559 %
TOTAL CBD:	0.04503 %
TOTAL CANNABINOIDS:	25.88344 %

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 24, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.01019/0.23152	N/A
CBCA	0.25080 %	2.5080 mg/g	0.02917/0.23152	N/A
CBD	ND	ND	0.01435/0.23152	N/A
CBDA	0.05135 %	0.5135 mg/g	0.00741/0.23152	N/A
CBDV	ND	ND	0.01111/0.23152	N/A
CBDVA	ND	ND	0.00741/0.23152	N/A
CBG	0.14544 %	1.4544 mg/g	0.01343/0.23152	N/A
CBGA	0.86975 %	8.6975 mg/g	0.00926/0.23152	N/A
CBN	ND	ND	0.00741/0.23152	N/A
Δ ⁸ -THC	ND	ND	0.02686/0.23152	N/A
Δ ⁹ -THC	1.26869 %	12.6869 mg/g	0.01945/0.23152	N/A
THCA	23.20057 %	232.0057 mg/g	0.01389/0.23152	N/A
THCV	ND	ND	0.01528/0.23152	N/A
THCVA	0.09684 %	0.9684 mg/g	0.01065/0.23152	N/A
TOT THC **	21.61559 %	216.1559 mg/g		N/A
TOT CBD **	0.04503 %	0.4503 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	31.72 mg			N/A
TOT CBD/PKG **	1.13 mg			N/A
TOT THC/PKG **	540.39 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 24, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.04165 %	10.4165 mg/g		N/A
D-LIMONENE	0.28146 %	2.8146 mg/g	0.23599/131.77711	N/A
β-CARYOPHYLLENE	0.26313 %	2.6313 mg/g	1.8078/131.77711	N/A
LINALOOL	0.19381 %	1.9381 mg/g	0.34928/131.77711	N/A
β-MYRCENE	0.13526 %	1.3526 mg/g	0.3582/131.77711	N/A
α-HUMULENE	0.09361 %	0.9361 mg/g	0.44189/131.77711	N/A
β-PINENE	0.04024 %	0.4024 mg/g	2.13335/131.77711	N/A
α-PINENE	0.02218 %	0.2218 mg/g	0.20345/131.77711	N/A
β-OCIMENE	0.01196 %	0.1196 mg/g	0.47176/90.9262	N/A
TERPINOLENE	< LOQ	< LOQ	0.2787/131.77711	N/A
CAMPHENE	< LOQ	< LOQ	0.20465/131.77711	N/A
α-TERPINENE	ND	ND	0.28344/131.77711	N/A
Δ ³ -CARENE	ND	ND	0.43431/131.77711	N/A
EUCALYPTOL	ND	ND	0.44122/131.77711	N/A
γ-TERPINENE	ND	ND	0.44479/131.77711	N/A
GERANIOL	ND	ND	0.27458/131.77711	N/A
GUAIOL	ND	ND	2.57437/131.77711	N/A
ISOPULEGOL	ND	ND	0.51398/131.77711	N/A
α-OCIMENE	ND	ND	1.27227/40.8509	N/A
P-CYMENE	ND	ND	0.25681/131.77711	N/A
α-BISABOLOL	ND	ND	4.1091/131.77711	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 25, 2021

REGULATORY COMPLIANCE TESTING

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 24, 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 24, 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 24, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17036/0.59429	PASS
ACETONE	5000 µg/g	ND	19.17591/59.42948	PASS
ACETONITRILE	410 µg/g	ND	17.01664/59.42948	PASS
BENZENE	1 µg/g	ND	0.07528/0.59429	PASS
BUTANE	5000 µg/g	ND	17.94374/59.42948	PASS
CHLOROFORM	1 µg/g	ND	0.17433/0.59429	PASS
ETHANOL	5000 µg/g	ND	14.71078/59.42948	PASS
ETHYL ACETATE	5000 µg/g	ND	18.16561/59.42948	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.19017/0.59429	PASS
ETHYL ETHER	5000 µg/g	ND	16.00238/59.42948	PASS
HEPTANE	5000 µg/g	ND	14.00158/59.42948	PASS
HEXANE	290 µg/g	ND	21.55705/99.04913	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.85737/59.42948	PASS
METHANOL	3000 µg/g	ND	13.32409/59.42948	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15055/0.59429	PASS
PENTANE	5000 µg/g	ND	32.76545/99.04913	PASS
PROPANE	5000 µg/g	ND	16.92948/59.42948	PASS
TOLUENE	890 µg/g	ND	9.3542/59.42948	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07924/0.59429	PASS
O-XYLENE		ND	4.42948/29.71474	N/A
P- AND M-XYLENE		ND	4.1046/29.71474	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 24, 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 24, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.49	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 24, 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 25, 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 24, 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 24, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		9.20	N/A

