

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 21, 2021

SAMPLE: FLO WHITE (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: **PASS**
NON-INFUSED PRE-ROLL



BATCH NO.: GHFFW1207PR
METRC UID: 1A406030000A423000004273
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211217-102
COLLECTED ON: DEC 17, 2021
RECEIVED ON: DEC 17, 2021
BATCH/SAMPLE SIZE: 1600 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	23.61795 %
TOTAL CBD:	0.04455 %
TOTAL CANNABINOIDS:	27.26964 %

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	0.02945 %	0.2945 mg/g	0.01088/0.24723	N/A
CBCA	0.19704 %	1.9704 mg/g	0.03115/0.24723	N/A
CBD	ND	ND	0.01533/0.24723	N/A
CBDA	0.05080 %	0.5080 mg/g	0.00791/0.24723	N/A
CBDV	ND	ND	0.01187/0.24723	N/A
CBDVA	ND	ND	0.00791/0.24723	N/A
CBG	0.04168 %	0.4168 mg/g	0.01434/0.24723	N/A
CBGA	0.28162 %	2.8162 mg/g	0.00989/0.24723	N/A
CBN	ND	ND	0.00791/0.24723	N/A
Δ ⁸ -THC	ND	ND	0.02868/0.24723	N/A
Δ ⁹ -THC	2.59833 %	25.9833 mg/g	0.02077/0.24723	N/A
THCA	23.96764 %	239.6764 mg/g	0.01483/0.24723	N/A
THCV	ND	ND	0.01632/0.24723	N/A
THCVA	0.10308 %	1.0308 mg/g	0.01137/0.24723	N/A
TOT THC **	23.61795 %	236.1795 mg/g		N/A
TOT CBD **	0.04455 %	0.4455 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	25.98 mg			N/A
TOT CBD/PKG **	0.45 mg			N/A
TOT THC/PKG **	236.18 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	1.51090 %	15.1090 mg/g		N/A
α-HUMULENE	0.25178 %	2.5178 mg/g	0.46518/138.72374	N/A
β-MYRCENE	0.12877 %	1.2877 mg/g	0.37708/138.72374	N/A
β-CARYOPHYLLENE	0.70840 %	7.0840 mg/g	1.9031/138.72374	N/A
D-LIMONENE	0.25920 %	2.5920 mg/g	0.24843/138.72374	N/A
α-BISABOLOL	0.05798 %	0.5798 mg/g	4.32571/138.72374	N/A
LINALOOL	0.05565 %	0.5565 mg/g	0.36769/138.72374	N/A
β-PINENE	0.03232 %	0.3232 mg/g	2.24581/138.72374	N/A
α-PINENE	0.01680 %	0.1680 mg/g	0.21418/138.72374	N/A
CAMPHENE	< LOQ	< LOQ	0.21544/138.72374	N/A
TERPINOLENE	< LOQ	< LOQ	0.29339/138.72374	N/A
α-TERPINENE	ND	ND	0.29838/138.72374	N/A
β-OCIMENE	ND	ND	0.49663/95.71938	N/A
α-OCIMENE	ND	ND	1.33934/43.00436	N/A
Δ ³ -CARENE	ND	ND	0.45721/138.72374	N/A
EUCALYPTOL	ND	ND	0.46447/138.72374	N/A
γ-TERPINENE	ND	ND	0.46823/138.72374	N/A
GERANIOL	ND	ND	0.28906/138.72374	N/A
GUAIOL	ND	ND	2.71008/138.72374	N/A
ISOPULEGOL	ND	ND	0.54108/138.72374	N/A
P-CYMENE	ND	ND	0.27034/138.72374	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 18, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16558/0.57759	PASS
ACETONE	5000 µg/g	ND	18.63689/57.75895	PASS
ACETONITRILE	410 µg/g	ND	16.53831/57.75895	PASS
BENZENE	1 µg/g	ND	0.07316/0.57759	PASS
BUTANE	5000 µg/g	ND	17.43935/57.75895	PASS
CHLOROFORM	1 µg/g	ND	0.16943/0.57759	PASS
ETHANOL	5000 µg/g	ND	14.29727/57.75895	PASS
ETHYL ACETATE	5000 µg/g	ND	17.65499/57.75895	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18483/0.57759	PASS
ETHYL ETHER	5000 µg/g	ND	15.55256/57.75895	PASS
HEPTANE	5000 µg/g	ND	13.60801/57.75895	PASS
HEXANE	290 µg/g	ND	20.9511/96.26492	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.43974/57.75895	PASS
METHANOL	3000 µg/g	ND	12.94956/57.75895	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14632/0.57759	PASS
PENTANE	5000 µg/g	ND	31.84444/96.26492	PASS
PROPANE	5000 µg/g	ND	16.4536/57.75895	PASS
TOLUENE	890 µg/g	ND	9.09126/57.75895	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07701/0.57759	PASS
O-XYLENE		ND	4.30497/28.87948	N/A
P- AND M-XYLENE		ND	3.98922/28.87948	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	0.48	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	0.010	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // DEC 18, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		12.70	N/A

