

CERTIFICATE OF ANALYSIS

PRODUCED: SEP 28, 2021

SAMPLE: ROLLS CHOICE (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFROC0921MP
METRC UID: 1A406030000A308000001386
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-210924-102
COLLECTED ON: SEP 24, 2021
RECEIVED ON: SEP 24, 2021
BATCH/SAMPLE SIZE: 800 U / 8 U
PACKAGE SIZE: 2.5 G

CANNABINOID OVERVIEW

TOTAL THC:	23.06348 %
TOTAL CBD:	0.14559 %
TOTAL CANNABINOIDS:	26.76228 %

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 // SEP 27, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.02057/0.46755	N/A
CBCA	0.15621 %	1.5621 mg/g	0.05891/0.46755	N/A
CBD	ND	ND	0.02899/0.46755	N/A
CBDA	0.16601 %	1.6601 mg/g	0.01496/0.46755	N/A
CBDV	ND	ND	0.02244/0.46755	N/A
CBDVA	ND	ND	0.01496/0.46755	N/A
CBG	0.07056 %	0.7056 mg/g	0.02712/0.46755	N/A
CBGA	0.40366 %	4.0366 mg/g	0.0187/0.46755	N/A
CBN	ND	ND	0.01496/0.46755	N/A
Δ ⁸ -THC	ND	ND	0.05424/0.46755	N/A
Δ ⁹ -THC	3.01851 %	30.1851 mg/g	0.03927/0.46755	N/A
THCA	22.85629 %	228.5629 mg/g	0.02805/0.46755	N/A
THCV	ND	ND	0.03086/0.46755	N/A
THCVA	0.09104 %	0.9104 mg/g	0.02151/0.46755	N/A
TOT THC **	23.06348 %	230.6348 mg/g		N/A
TOT CBD **	0.14559 %	1.4559 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	75.46 mg			N/A
TOT CBD/PKG **	3.64 mg			N/A
TOT THC/PKG **	576.59 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // SEP 26, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.55468 %	15.5468 mg/g		N/A
β-CARYOPHYLLENE	0.62655 %	6.2655 mg/g	1.85458/135.18733	N/A
α-HUMULENE	0.31082 %	3.1082 mg/g	0.45332/135.18733	N/A
β-MYRCENE	0.24939 %	2.4939 mg/g	0.36747/135.18733	N/A
D-LIMONENE	0.14977 %	1.4977 mg/g	0.24209/135.18733	N/A
LINALOOL	0.14794 %	1.4794 mg/g	0.35831/135.18733	N/A
α-BISABOLOL	0.04905 %	0.4905 mg/g	4.21544/135.18733	N/A
β-PINENE	0.02116 %	0.2116 mg/g	2.18856/135.18733	N/A
α-PINENE	< LOQ	< LOQ	0.20872/135.18733	N/A
TERPINOLENE	< LOQ	< LOQ	0.28591/135.18733	N/A
α-TERPINENE	ND	ND	0.29077/135.18733	N/A
β-OCIMENE	ND	ND	0.48397/93.27926	N/A
CAMPHERE	ND	ND	0.20995/135.18733	N/A
Δ ³ -CARENE	ND	ND	0.44555/135.18733	N/A
EUCALYPTOL	ND	ND	0.45263/135.18733	N/A
γ-TERPINENE	ND	ND	0.4563/135.18733	N/A
GERANIOL	ND	ND	0.28169/135.18733	N/A
GUAIOL	ND	ND	2.64099/135.18733	N/A
ISOPULEGOL	ND	ND	0.52728/135.18733	N/A
α-OCIMENE	ND	ND	1.30519/41.90807	N/A
P-CYMENE	ND	ND	0.26345/135.18733	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
 SEP 28, 2021



BCL-13: PESTICIDE TESTING BY GC/MS // SEP 26, 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 // SEP 26, 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 // SEP 26, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16909/0.58985	PASS
ACETONE	5000 µg/g	ND	19.03264/58.98545	PASS
ACETONITRILE	410 µg/g	ND	16.8895/58.98545	PASS
BENZENE	1 µg/g	ND	0.07471/0.58985	PASS
BUTANE	5000 µg/g	ND	17.80967/58.98545	PASS
CHLOROFORM	1 µg/g	ND	0.17302/0.58985	PASS
ETHANOL	5000 µg/g	ND	14.60087/58.98545	PASS
ETHYL ACETATE	5000 µg/g	ND	18.02989/58.98545	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18875/0.58985	PASS
ETHYL ETHER	5000 µg/g	ND	15.88282/58.98545	PASS
HEPTANE	5000 µg/g	ND	13.89697/58.98545	PASS
HEXANE	290 µg/g	ND	21.39599/98.30908	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.74636/58.98545	PASS
METHANOL	3000 µg/g	ND	13.22454/58.98545	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14943/0.58985	PASS
PENTANE	5000 µg/g	ND	32.52064/98.30908	PASS
PROPANE	5000 µg/g	ND	16.80299/58.98545	PASS
TOLUENE	890 µg/g	ND	9.28431/58.98545	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07865/0.58985	PASS
O-XYLENE		ND	4.39638/29.49273	N/A
P- AND M-XYLENE		ND	4.07393/29.49273	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // SEP 26, 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 // SEP 25, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.55	PASS

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

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		13.20	N/A

