

CERTIFICATE OF ANALYSIS

PRODUCED: JUL 11, 2022

SAMPLE: SUPER SILVER HAZE (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS  
NON-INFUSED PRE ROLL



BATCH NO.: GHFSSH0620PR  
METRC UID: 1A406030003DC49000003190  
MATRIX: PRE-ROLL  
CATEGORY: INHALABLE  
SAMPLE ID: BCL-220707-095  
COLLECTED ON: JUL 07, 2022  
RECEIVED ON: JUL 07, 2022  
BATCH/SAMPLE SIZE: 1220 UNITS / 13 UNITS  
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	33.10953 %
TOTAL CBD:	0.08122 %
SUM OF CANNABINOIDS:	40.13632 %

CULTIVATOR INFO

**CULTIVATOR**  
MISSION HEALTH ASSOCIATES, INC.  
DBA GLASS HOUSE FARMS  
5601 CASITAS PASS RD  
CARPINTERIA, CA 93013

**LICENSE**  
CCL18-0003034  
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

**DISTRIBUTOR**  
ALKHEMIST DM LLC  
2211 DAMON STREET  
LOS ANGELES, CA 90021

**LICENSE**  
C11-0001456-LIC  
ADULT-USE - DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // JUL 09, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.05961 %	0.5961 mg/g	0.01089/0.24743	N/A
CBCA	0.24775 %	2.4775 mg/g	0.03118/0.24743	N/A
CBD	ND	ND	0.01534/0.24743	N/A
CBDA	0.09261 %	0.9261 mg/g	0.00792/0.24743	N/A
CBDV	ND	ND	0.01188/0.24743	N/A
CBDVA	ND	ND	0.00792/0.24743	N/A
CBG	0.36122 %	3.6122 mg/g	0.01435/0.24743	N/A
CBGA	2.06578 %	20.6578 mg/g	0.0099/0.24743	N/A
CBN	< LOQ	< LOQ	0.00792/0.24743	N/A
Δ <sup>8</sup> -THC	ND	ND	0.0287/0.24743	N/A
Δ <sup>9</sup> -THC	4.40867 %	44.0867 mg/g	0.02078/0.24743	N/A
THCA	32.72618 %	327.2618 mg/g	0.01485/0.24743	N/A
THCV	ND	ND	0.01633/0.24743	N/A
THCVA	0.17450 %	1.7450 mg/g	0.01138/0.24743	N/A
TOT THC**	33.10953 %	331.0953 mg/g		N/A
TOT CBD**	0.08122 %	0.8122 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	44.09 mg			N/A
TOT CBD/PKG**	0.81 mg			N/A
TOT THC/PKG**	331.10 mg			N/A

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

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.01598 %	10.1598 mg/g		N/A
β-CARYOPHYLLENE	0.51015 %	5.1015 mg/g	0.00187/0.13661	N/A
α-HUMULENE	0.20564 %	2.0564 mg/g	0.00046/0.13661	N/A
D-LIMONENE	0.12435 %	1.2435 mg/g	0.00024/0.13661	N/A
β-MYRCENE	0.11200 %	1.1200 mg/g	0.00037/0.13661	N/A
LINALOOL	0.04946 %	0.4946 mg/g	0.00036/0.13661	N/A
β-PINENE	0.01438 %	0.1438 mg/g	0.00221/0.13661	N/A
TRANS-β-OCIMENE	< LOQ	< LOQ	0.00049/0.09426	N/A
α-PINENE	< LOQ	< LOQ	0.00021/0.13661	N/A
TERPINOLENE	< LOQ	< LOQ	0.00029/0.13661	N/A
GUAIOL	ND	ND	0.00267/0.13661	N/A
P-CYMENE	ND	ND	0.00027/0.13661	N/A
ISOPULEGOL	ND	ND	0.00053/0.13661	N/A
α-BISABOLOL	ND	ND	0.00426/0.13661	N/A
GERANIOL	ND	ND	0.00028/0.13661	N/A
γ-TERPINENE	ND	ND	0.00046/0.13661	N/A
EUCALYPTOL	ND	ND	0.00046/0.13661	N/A
CIS-β-OCIMENE	ND	ND	0.00132/0.04235	N/A
CAMPHERE	ND	ND	0.00021/0.13661	N/A
α-TERPINENE	ND	ND	0.00029/0.13661	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00045/0.13661	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. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: CODY SHEPPARD, PH.D.  
SCIENCE DIRECTOR, BELCOSTA LABS  
JUL 11, 2022

## BCL-13: PESTICIDE TESTING BY GC/MS // JUL 09, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03049/0.09235	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01078/0.0327	N/A
CHLORDANE TRANS		ND	0.01032/0.03119	N/A
CHLORFENAPYR	Any amt	ND	0.02325/0.07038	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01084/0.03293	PASS
DICHLORVOS	Any amt	ND	0.01142/0.03461	PASS
METHYL PARATHION	Any amt	ND	0.0131/0.03971	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01362/0.04133	PASS

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JUL 10, 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	ND		PASS
PYRETHRINS PYRETHRIN I		ND	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 // JUL 09, 2022**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16869/0.58847	PASS
ACETONE	5000 µg/g	ND	18.98784/58.84661	PASS
ACETONITRILE	410 µg/g	ND	16.84974/58.84661	PASS
BENZENE	1 µg/g	ND	0.07454/0.58847	PASS
BUTANE	5000 µg/g	ND	17.76775/58.84661	PASS
CHLOROFORM	1 µg/g	ND	0.17262/0.58847	PASS
ETHANOL	5000 µg/g	ND	14.5665/58.84661	PASS
ETHYL ACETATE	5000 µg/g	ND	17.98745/58.84661	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18831/0.58847	PASS
ETHYL ETHER	5000 µg/g	ND	15.84543/58.84661	PASS
HEPTANE	5000 µg/g	ND	13.86426/58.84661	PASS
HEXANE	290 µg/g	ND	21.34563/98.07768	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.71165/58.84661	PASS
METHANOL	3000 µg/g	ND	13.19341/58.84661	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14908/0.58847	PASS
PENTANE	5000 µg/g	ND	32.4441/98.07768	PASS
PROPANE	5000 µg/g	ND	16.76344/58.84661	PASS
TOLUENE	890 µg/g	ND	9.26246/58.84661	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07846/0.58847	PASS
O-XYLENE		ND	4.38603/29.4233	N/A
P- AND M-XYLENE		ND	4.06434/29.4233	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // JUL 10, 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 // JUL 08, 2022**

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

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // JUL 08, 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 // JUL 10, 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 // JUL 09, 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 // JUL 08, 2022**

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		10.50	N/A

