

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 01, 2022

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



BATCH NO.: GHFSSH1217MP
METRC UID: 1A406030000A423000004332
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211229-103
COLLECTED ON: DEC 29, 2021
RECEIVED ON: DEC 29, 2021
BATCH/SAMPLE SIZE: 1560 UNITS / 13 UNITS
PACKAGE SIZE: 2.5 G

CANNABINOID OVERVIEW

| | |
|----------------------------|-------------------|
| TOTAL THC: | 32.93724 % |
| TOTAL CBD: | 0.09371 % |
| TOTAL CANNABINOIDS: | 40.45256 % |

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 // DEC 31, 2021

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|-------------------------|------------|---------------|-----------------|-----------|
| CBC | < LOQ | < LOQ | 0.01041/0.23665 | N/A |
| CBCA | 0.28725 % | 2.8725 mg/g | 0.02982/0.23665 | N/A |
| CBD | ND | ND | 0.01467/0.23665 | N/A |
| CBDA | 0.10685 % | 1.0685 mg/g | 0.00757/0.23665 | N/A |
| CBDV | ND | ND | 0.01136/0.23665 | N/A |
| CBDVA | ND | ND | 0.00757/0.23665 | N/A |
| CBG | 0.16734 % | 1.6734 mg/g | 0.01373/0.23665 | N/A |
| CBGA | 2.28705 % | 22.8705 mg/g | 0.00947/0.23665 | N/A |
| CBN | ND | ND | 0.00757/0.23665 | N/A |
| Δ ⁸ -THC | 0.03846 % | 0.3846 mg/g | 0.02745/0.23665 | N/A |
| Δ ⁹ -THC | 1.35828 % | 13.5828 mg/g | 0.01988/0.23665 | N/A |
| THCA | 36.00794 % | 360.0794 mg/g | 0.0142/0.23665 | N/A |
| THCV | ND | ND | 0.01562/0.23665 | N/A |
| THCVA | 0.19939 % | 1.9939 mg/g | 0.01089/0.23665 | N/A |
| TOT THC ** | 32.93724 % | 329.3724 mg/g | | N/A |
| TOT CBD ** | 0.09371 % | 0.9371 mg/g | | N/A |
| CBD/PKG | ND | | | N/A |
| Δ ⁹ -THC/PKG | 33.96 mg | | | N/A |
| TOT CBD/PKG ** | 2.34 mg | | | N/A |
| TOT THC/PKG ** | 823.43 mg | | | N/A |

BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 30, 2021

| ANALYTE | AMT | AMT | LOD/LOQ (µg/g) | PASS/FAIL |
|------------------------|-----------|--------------|-------------------|-----------|
| TOTAL TERPENES | 1.66859 % | 16.6859 mg/g | | N/A |
| β-CARYOPHYLLENE | 0.76902 % | 7.6902 mg/g | 1.816/132.37519 | N/A |
| α-HUMULENE | 0.28523 % | 2.8523 mg/g | 0.44389/132.37519 | N/A |
| D-LIMONENE | 0.26658 % | 2.6658 mg/g | 0.23706/132.37519 | N/A |
| β-MYRCENE | 0.23144 % | 2.3144 mg/g | 0.35982/132.37519 | N/A |
| LINALOOL | 0.06240 % | 0.6240 mg/g | 0.35086/132.37519 | N/A |
| β-PINENE | 0.03363 % | 0.3363 mg/g | 2.14304/132.37519 | N/A |
| α-PINENE | 0.02029 % | 0.2029 mg/g | 0.20437/132.37519 | N/A |
| CAMPHENE | < LOQ | < LOQ | 0.20558/132.37519 | N/A |
| GERANIOL | ND | ND | 0.27583/132.37519 | N/A |
| P-CYMENE | ND | ND | 0.25797/132.37519 | N/A |
| ISOPULEGOL | ND | ND | 0.51632/132.37519 | N/A |
| GUAIOL | ND | ND | 2.58606/132.37519 | N/A |
| α-BISABOLOL | ND | ND | 4.12775/132.37519 | N/A |
| γ-TERPINENE | ND | ND | 0.44681/132.37519 | N/A |
| EUCALYPTOL | ND | ND | 0.44322/132.37519 | N/A |
| Δ ³ -CARENE | ND | ND | 0.43628/132.37519 | N/A |
| β-OCIMENE | ND | ND | 0.4739/91.33888 | N/A |
| α-TERPINENE | ND | ND | 0.28473/132.37519 | N/A |
| α-OCIMENE | ND | ND | 1.27804/41.03631 | N/A |
| TERPINOLENE | ND | ND | 0.27996/132.37519 | 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
 JAN 01, 2022



BCL-13: PESTICIDE TESTING BY GC/MS // DEC 30, 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 // DEC 30, 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 // DEC 30, 2021

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------|-----------|------------|-------------------|-----------|
| 1,2-DICHLOROETHANE | 1 µg/g | ND | 0.16686/0.58207 | PASS |
| ACETONE | 5000 µg/g | ND | 18.78153/58.20722 | PASS |
| ACETONITRILE | 410 µg/g | ND | 16.66667/58.20722 | PASS |
| BENZENE | 1 µg/g | ND | 0.07373/0.58207 | PASS |
| BUTANE | 5000 µg/g | ND | 17.5747/58.20722 | PASS |
| CHLOROFORM | 1 µg/g | ND | 0.17074/0.58207 | PASS |
| ETHANOL | 5000 µg/g | ND | 14.40823/58.20722 | PASS |
| ETHYL ACETATE | 5000 µg/g | ND | 17.79201/58.20722 | PASS |
| ETHYLENE OXIDE | 1 µg/g | ND | 0.18626/0.58207 | PASS |
| ETHYL ETHER | 5000 µg/g | ND | 15.67326/58.20722 | PASS |
| HEPTANE | 5000 µg/g | ND | 13.71362/58.20722 | PASS |
| HEXANE | 290 µg/g | ND | 21.1137/97.01203 | PASS |
| ISOPROPYL ALCOHOL | 5000 µg/g | ND | 14.5518/58.20722 | PASS |
| METHANOL | 3000 µg/g | ND | 13.05006/58.20722 | PASS |
| METHYLENE CHLORIDE | 1 µg/g | ND | 0.14746/0.58207 | PASS |
| PENTANE | 5000 µg/g | ND | 32.09158/97.01203 | PASS |
| PROPANE | 5000 µg/g | ND | 16.5813/58.20722 | PASS |
| TOLUENE | 890 µg/g | ND | 9.16182/58.20722 | PASS |
| TRICHLOROETHYLENE | 1 µg/g | ND | 0.07761/0.58207 | PASS |
| O-XYLENE | | ND | 4.33838/29.10361 | N/A |
| P- AND M-XYLENE | | ND | 4.02018/29.10361 | N/A |
| TOTAL XYLENES | 2170 µg/g | ND | | PASS |

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 30, 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 30, 2021

| ANALYTE | LIMIT | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.52 | PASS |

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 30, 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 31, 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 30, 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 | 0.066 | 0.0003/0.05 | PASS |
| MERCURY | 0.1 µg/g | < LOQ | 0.0001/0.01 | PASS |

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // DEC 30, 2021

| ANALYTE | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE | | 13.00 | N/A |

