

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 08, 2021

SAMPLE: KOSHER KUSH (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFKK1123PR
METRC UID: 1A406030000A423000004192
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211203-159
COLLECTED ON: DEC 03, 2021
RECEIVED ON: DEC 03, 2021
BATCH/SAMPLE SIZE: 1740 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

| | |
|----------------------------|-------------------|
| TOTAL THC: | 25.97069 % |
| TOTAL CBD: | 0.05594 % |
| TOTAL CANNABINOIDS: | 30.88067 % |

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



POTENCY



TERP



PEST
PASS



MOIST



MICRO
PASS



MYCO
PASS



METALS
PASS



WATER
PASS



FOREIGN
PASS



SOLVENT
PASS

BCL-03: CANNABINOID POTENCY BY HPLC-UV // DEC 06, 2021

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|-------------------------|------------|---------------|-----------------|-----------|
| CBC | < LOQ | < LOQ | 0.0109/0.24777 | N/A |
| CBCA | 0.12440 % | 1.2440 mg/g | 0.03122/0.24777 | N/A |
| CBD | ND | ND | 0.01536/0.24777 | N/A |
| CBDA | 0.06378 % | 0.6378 mg/g | 0.00793/0.24777 | N/A |
| CBDV | ND | ND | 0.01189/0.24777 | N/A |
| CBDVA | ND | ND | 0.00793/0.24777 | N/A |
| CBG | 0.08286 % | 0.8286 mg/g | 0.01437/0.24777 | N/A |
| CBGA | 1.18528 % | 11.8528 mg/g | 0.00991/0.24777 | N/A |
| CBN | ND | ND | 0.00793/0.24777 | N/A |
| Δ ⁸ -THC | ND | ND | 0.02874/0.24777 | N/A |
| Δ ⁹ -THC | 2.27982 % | 22.7982 mg/g | 0.02081/0.24777 | N/A |
| THCA | 27.01354 % | 270.1354 mg/g | 0.01487/0.24777 | N/A |
| THCV | ND | ND | 0.01635/0.24777 | N/A |
| THCVA | 0.13099 % | 1.3099 mg/g | 0.0114/0.24777 | N/A |
| TOT THC ** | 25.97069 % | 259.7069 mg/g | | N/A |
| TOT CBD ** | 0.05594 % | 0.5594 mg/g | | N/A |
| CBD/PKG | ND | | | N/A |
| Δ ⁹ -THC/PKG | 22.80 mg | | | N/A |
| TOT CBD/PKG ** | 0.56 mg | | | N/A |
| TOT THC/PKG ** | 259.71 mg | | | N/A |

** TOTAL CBD = (CBDA X 0.877) + CBD
 ** TOTAL THC = (THCA X 0.877) + THC
 DRY-WEIGHT AMOUNTS SHOWN

BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 06, 2021

| ANALYTE | AMT | AMT | LOD/LOQ (µg/g) | PASS/FAIL |
|------------------------|-----------|--------------|-------------------|-----------|
| TOTAL TERPENES | 1.35281 % | 13.5281 mg/g | | N/A |
| β-CARYOPHYLLENE | 0.39727 % | 3.9727 mg/g | 1.87632/136.77218 | N/A |
| β-MYRCENE | 0.27885 % | 2.7885 mg/g | 0.37177/136.77218 | N/A |
| D-LIMONENE | 0.27567 % | 2.7567 mg/g | 0.24493/136.77218 | N/A |
| LINALOOL | 0.16657 % | 1.6657 mg/g | 0.36251/136.77218 | N/A |
| α-HUMULENE | 0.13707 % | 1.3707 mg/g | 0.45864/136.77218 | N/A |
| α-BISABOLOL | 0.04269 % | 0.4269 mg/g | 4.26486/136.77218 | N/A |
| β-PINENE | 0.03810 % | 0.3810 mg/g | 2.21422/136.77218 | N/A |
| α-PINENE | 0.01659 % | 0.1659 mg/g | 0.21116/136.77218 | N/A |
| CAMPHENE | < LOQ | < LOQ | 0.21241/136.77218 | N/A |
| GERANIOL | < LOQ | < LOQ | 0.28499/136.77218 | N/A |
| TERPINOLENE | < LOQ | < LOQ | 0.28926/136.77218 | N/A |
| α-TERPINENE | ND | ND | 0.29418/136.77218 | N/A |
| β-OCIMENE | ND | ND | 0.48964/94.3728 | N/A |
| Δ ³ -CARENE | ND | ND | 0.45077/136.77218 | N/A |
| EUCALYPTOL | ND | ND | 0.45794/136.77218 | N/A |
| γ-TERPINENE | ND | ND | 0.46165/136.77218 | N/A |
| GUAIOL | ND | ND | 2.67195/136.77218 | N/A |
| ISOPULEGOL | ND | ND | 0.53347/136.77218 | N/A |
| α-OCIMENE | ND | ND | 1.32049/42.39937 | N/A |
| P-CYMENE | ND | ND | 0.26654/136.77218 | N/A |

RESULTS CERTIFIED BY: CODY SHEPPARD, PH.D.
 LABORATORY DIRECTOR, BELCOSTA LABS
 DEC 08, 2021

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.



REGULATORY COMPLIANCE TESTING

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 07, 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 07, 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 05, 2021

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------|-----------|------------|-------------------|-----------|
| 1,2-DICHLOROETHANE | 1 µg/g | ND | 0.16725/0.58343 | PASS |
| ACETONE | 5000 µg/g | ND | 18.82536/58.34306 | PASS |
| ACETONITRILE | 410 µg/g | ND | 16.70556/58.34306 | PASS |
| BENZENE | 1 µg/g | ND | 0.0739/0.58343 | PASS |
| BUTANE | 5000 µg/g | ND | 17.61571/58.34306 | PASS |
| CHLOROFORM | 1 µg/g | ND | 0.17114/0.58343 | PASS |
| ETHANOL | 5000 µg/g | ND | 14.44185/58.34306 | PASS |
| ETHYL ACETATE | 5000 µg/g | ND | 17.83353/58.34306 | PASS |
| ETHYLENE OXIDE | 1 µg/g | ND | 0.1867/0.58343 | PASS |
| ETHYL ETHER | 5000 µg/g | ND | 15.70984/58.34306 | PASS |
| HEPTANE | 5000 µg/g | ND | 13.74562/58.34306 | PASS |
| HEXANE | 290 µg/g | ND | 21.16297/97.23843 | PASS |
| ISOPROPYL ALCOHOL | 5000 µg/g | < LOQ | 14.58576/58.34306 | PASS |
| METHANOL | 3000 µg/g | ND | 13.08051/58.34306 | PASS |
| METHYLENE CHLORIDE | 1 µg/g | ND | 0.1478/0.58343 | PASS |
| PENTANE | 5000 µg/g | ND | 32.16647/97.23843 | PASS |
| PROPANE | 5000 µg/g | ND | 16.61999/58.34306 | PASS |
| TOLUENE | 890 µg/g | ND | 9.1832/58.34306 | PASS |
| TRICHLOROETHYLENE | 1 µg/g | ND | 0.07779/0.58343 | PASS |
| O-XYLENE | | ND | 4.3485/29.17153 | N/A |
| P- AND M-XYLENE | | ND | 4.02956/29.17153 | N/A |
| TOTAL XYLENES | 2170 µg/g | ND | | PASS |

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 07, 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 05, 2021

| ANALYTE | LIMIT | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.47 | PASS |

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 04, 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 05, 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 05, 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 05, 2021

| ANALYTE | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE | | 12.20 | N/A |

