

## CERTIFICATE OF ANALYSIS

PRODUCED: MAR 23, 2022

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



**BATCH NO.:** GHFKOS1010309PR  
**METRC UID:** 1A406030000A423000005007  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-220318-188  
**COLLECTED ON:** MAR 18, 2022  
**RECEIVED ON:** MAR 18, 2022  
**BATCH/SAMPLE SIZE:** 1458 UNITS / 13 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

|                             |                   |
|-----------------------------|-------------------|
| <b>TOTAL THC:</b>           | <b>25.09432 %</b> |
| <b>TOTAL CBD:</b>           | <b>0.09071 %</b>  |
| <b>SUM OF CANNABINOIDS:</b> | <b>29.2827 %</b>  |

### 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  
2211 DAMON STREET  
LOS ANGELES, CA 9002

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



### BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAR 21, 2022

| ANALYTE                 | AMT        | AMT           | LOD/LOQ (mg/g)  | PASS/FAIL |
|-------------------------|------------|---------------|-----------------|-----------|
| CBC                     | 0.06377 %  | 0.6377 mg/g   | 0.01029/0.23382 | N/A       |
| CBCA                    | 0.16025 %  | 1.6025 mg/g   | 0.02946/0.23382 | N/A       |
| CBD                     | < LOQ      | < LOQ         | 0.0145/0.23382  | N/A       |
| CBDA                    | 0.10343 %  | 1.0343 mg/g   | 0.00748/0.23382 | N/A       |
| CBDV                    | ND         | ND            | 0.01122/0.23382 | N/A       |
| CBDVA                   | ND         | ND            | 0.00748/0.23382 | N/A       |
| CBG                     | 0.15055 %  | 1.5055 mg/g   | 0.01356/0.23382 | N/A       |
| CBGA                    | 0.92034 %  | 9.2034 mg/g   | 0.00935/0.23382 | N/A       |
| CBN                     | 0.02846 %  | 0.2846 mg/g   | 0.00748/0.23382 | N/A       |
| Δ <sup>8</sup> -THC     | ND         | ND            | 0.02712/0.23382 | N/A       |
| Δ <sup>9</sup> -THC     | 6.46166 %  | 64.6166 mg/g  | 0.01964/0.23382 | N/A       |
| THCA                    | 21.24591 % | 212.4591 mg/g | 0.01403/0.23382 | N/A       |
| THCV                    | < LOQ      | < LOQ         | 0.01543/0.23382 | N/A       |
| THCVA                   | 0.14833 %  | 1.4833 mg/g   | 0.01076/0.23382 | N/A       |
| TOT THC **              | 25.09432 % | 250.9432 mg/g |                 | N/A       |
| TOT CBD **              | 0.09071 %  | 0.9071 mg/g   |                 | N/A       |
| CBD/PKG                 | < LOQ      |               |                 | N/A       |
| Δ <sup>9</sup> -THC/PKG | 64.62 mg   |               |                 | N/A       |
| TOT CBD/PKG **          | 0.91 mg    |               |                 | N/A       |
| TOT THC/PKG **          | 250.94 mg  |               |                 | N/A       |

### BCL-09: TERPENOID TESTING BY HS-GC/FID // MAR 21, 2022

| ANALYTE                | AMT       | AMT          | LOD/LOQ (mg/g)  | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES         | 1.52885 % | 15.2885 mg/g |                 | N/A       |
| β-CARYOPHYLLENE        | 0.42818 % | 4.2818 mg/g  | 0.00183/0.13338 | N/A       |
| β-MYRCENE              | 0.34643 % | 3.4643 mg/g  | 0.00036/0.13338 | N/A       |
| D-LIMONENE             | 0.32226 % | 3.2226 mg/g  | 0.00024/0.13338 | N/A       |
| LINALOOL               | 0.17892 % | 1.7892 mg/g  | 0.00035/0.13338 | N/A       |
| α-HUMULENE             | 0.13898 % | 1.3898 mg/g  | 0.00045/0.13338 | N/A       |
| α-BISABOLOL            | 0.04635 % | 0.4635 mg/g  | 0.00416/0.13338 | N/A       |
| β-PINENE               | 0.04528 % | 0.4528 mg/g  | 0.00216/0.13338 | N/A       |
| α-PINENE               | 0.02245 % | 0.2245 mg/g  | 0.00021/0.13338 | N/A       |
| CAMPHENE               | < LOQ     | < LOQ        | 0.00021/0.13338 | N/A       |
| Δ <sup>3</sup> -CARENE | < LOQ     | < LOQ        | 0.00044/0.13338 | N/A       |
| GERANIOL               | < LOQ     | < LOQ        | 0.00028/0.13338 | N/A       |
| TERPINOLENE            | < LOQ     | < LOQ        | 0.00028/0.13338 | N/A       |
| α-TERPINENE            | ND        | ND           | 0.00029/0.13338 | N/A       |
| β-OCIMENE              | ND        | ND           | 0.00048/0.09204 | N/A       |
| EUCALYPTOL             | ND        | ND           | 0.00045/0.13338 | N/A       |
| γ-TERPINENE            | ND        | ND           | 0.00045/0.13338 | N/A       |
| GUAIOL                 | ND        | ND           | 0.00261/0.13338 | N/A       |
| ISOPULEGOL             | ND        | ND           | 0.00052/0.13338 | N/A       |
| α-OCIMENE              | ND        | ND           | 0.00129/0.04135 | N/A       |
| P-CYMENE               | ND        | ND           | 0.00026/0.13338 | 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.  
SCIENCE DIRECTOR, BELCOSTA LABS  
MAR 23, 2022



## BCL-13: PESTICIDE TESTING BY GC/MS // MAR 22, 2022

| ANALYTE         | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|-----------------|----------|------------|-----------------|-----------|
| CAPTAN          | 0.7 µg/g | ND         | 0.03017/0.09138 | PASS      |
| CHLORDANE       | Any amt  | ND         |                 | PASS      |
| CHLORDANE CIS   |          | ND         | 0.01067/0.03235 | N/A       |
| CHLORDANE TRANS |          | ND         | 0.01021/0.03086 | N/A       |
| CHLORFENAPYR    | Any amt  | ND         | 0.023/0.06964   | PASS      |

| ANALYTE                  | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|--------------------------|----------|------------|-----------------|-----------|
| CHLORPYRIFOS             | Any amt  | ND         | 0.01073/0.03258 | PASS      |
| DICHLORVOS               | Any amt  | ND         | 0.0113/0.03424  | PASS      |
| METHYL PARATHION         | Any amt  | ND         | 0.01296/0.03929 | PASS      |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND         | 0.01348/0.0409  | PASS      |

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAR 22, 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 // MAR 21, 2022**

| ANALYTE            | LIMIT     | AMT (µg/g) | LOD/LOQ (µg/g)    | PASS/FAIL |
|--------------------|-----------|------------|-------------------|-----------|
| 1,2-DICHLOROETHANE | 1 µg/g    | ND         | 0.1512/0.52743    | PASS      |
| ACETONE            | 5000 µg/g | ND         | 17.01828/52.74262 | PASS      |
| ACETONITRILE       | 410 µg/g  | ND         | 15.10197/52.74262 | PASS      |
| BENZENE            | 1 µg/g    | ND         | 0.06681/0.52743   | PASS      |
| BUTANE             | 5000 µg/g | ND         | 15.92475/52.74262 | PASS      |
| CHLOROFORM         | 1 µg/g    | ND         | 0.15471/0.52743   | PASS      |
| ETHANOL            | 5000 µg/g | ND         | 13.05556/52.74262 | PASS      |
| ETHYL ACETATE      | 5000 µg/g | ND         | 16.12166/52.74262 | PASS      |
| ETHYLENE OXIDE     | 1 µg/g    | ND         | 0.16878/0.52743   | PASS      |
| ETHYL ETHER        | 5000 µg/g | ND         | 14.20183/52.74262 | PASS      |
| HEPTANE            | 5000 µg/g | ND         | 12.42616/52.74262 | PASS      |
| HEXANE             | 290 µg/g  | ND         | 19.1315/87.90436  | PASS      |
| ISOPROPYL ALCOHOL  | 5000 µg/g | ND         | 13.18565/52.74262 | PASS      |
| METHANOL           | 3000 µg/g | ND         | 11.82489/52.74262 | PASS      |
| METHYLENE CHLORIDE | 1 µg/g    | ND         | 0.13361/0.52743   | PASS      |
| PENTANE            | 5000 µg/g | ND         | 29.07876/87.90436 | PASS      |
| PROPANE            | 5000 µg/g | ND         | 15.02461/52.74262 | PASS      |
| TOLUENE            | 890 µg/g  | ND         | 8.30169/52.74262  | PASS      |
| TRICHLOROETHYLENE  | 1 µg/g    | ND         | 0.07032/0.52743   | PASS      |
| O-XYLENE           |           | ND         | 3.93108/26.37131  | N/A       |
| P- AND M-XYLENE    |           | ND         | 3.64276/26.37131  | N/A       |
| TOTAL XYLENES      | 2170 µg/g | ND         |                   | PASS      |

**BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // MAR 22, 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 // MAR 21, 2022**

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.53     | PASS      |

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAR 19, 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 // MAR 20, 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 // MAR 19, 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 // MAR 19, 2022**

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 9.80    | N/A       |

