

## CERTIFICATE OF ANALYSIS

PRODUCED: OCT 11, 2021

SAMPLE: BANANA PUNCH (FLOWER) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



**BATCH NO.:** GHFBAP1007LB  
**METRC UID:** 1A406030000A423000003820  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-211007-109  
**COLLECTED ON:** OCT 07, 2021  
**RECEIVED ON:** OCT 07, 2021  
**BATCH/SAMPLE SIZE:** 671 G / 12 G

### CANNABINOID OVERVIEW

|                            |                   |
|----------------------------|-------------------|
| <b>TOTAL THC:</b>          | <b>23.37271 %</b> |
| <b>TOTAL CBD:</b>          | <b>0.04736 %</b>  |
| <b>TOTAL CANNABINOIDS:</b> | <b>27.67926 %</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  
 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 // OCT 10, 2021

| ANALYTE             | AMT        | AMT           | LOD/LOQ (mg/g) | PASS/FAIL |
|---------------------|------------|---------------|----------------|-----------|
| CBC                 | 0.03253 %  | 0.3253 mg/g   | 0.01096/0.2492 | N/A       |
| CBCA                | 0.25558 %  | 2.5558 mg/g   | 0.0314/0.2492  | N/A       |
| CBD                 | ND         | ND            | 0.01545/0.2492 | N/A       |
| CBDA                | 0.05400 %  | 0.5400 mg/g   | 0.00797/0.2492 | N/A       |
| CBDV                | ND         | ND            | 0.01196/0.2492 | N/A       |
| CBDVA               | ND         | ND            | 0.00797/0.2492 | N/A       |
| CBG                 | 0.14291 %  | 1.4291 mg/g   | 0.01445/0.2492 | N/A       |
| CBGA                | 0.52569 %  | 5.2569 mg/g   | 0.00997/0.2492 | N/A       |
| CBN                 | ND         | ND            | 0.00797/0.2492 | N/A       |
| Δ <sup>8</sup> -THC | 0.03753 %  | 0.3753 mg/g   | 0.02891/0.2492 | N/A       |
| Δ <sup>9</sup> -THC | 1.06471 %  | 10.6471 mg/g  | 0.02093/0.2492 | N/A       |
| THCA                | 25.43672 % | 254.3672 mg/g | 0.01495/0.2492 | N/A       |
| THCV                | ND         | ND            | 0.01645/0.2492 | N/A       |
| THCVA               | 0.12959 %  | 1.2959 mg/g   | 0.01146/0.2492 | N/A       |
| TOT THC **          | 23.37271 % | 233.7271 mg/g |                | N/A       |
| TOT CBD **          | 0.04736 %  | 0.4736 mg/g   |                | N/A       |

### BCL-09: TERPENOID TESTING BY HS-GC/FID // OCT 09, 2021

| ANALYTE                | AMT       | AMT          | LOD/LOQ (µg/g)    | PASS/FAIL |
|------------------------|-----------|--------------|-------------------|-----------|
| TOTAL TERPENES         | 1.87563 % | 18.7563 mg/g |                   | N/A       |
| β-CARYOPHYLLENE        | 0.53159 % | 5.3159 mg/g  | 1.91754/139.77636 | N/A       |
| D-LIMONENE             | 0.51085 % | 5.1085 mg/g  | 0.25031/139.77636 | N/A       |
| α-BISABOLOL            | 0.15501 % | 1.5501 mg/g  | 4.35853/139.77636 | N/A       |
| α-HUMULENE             | 0.13485 % | 1.3485 mg/g  | 0.46871/139.77636 | N/A       |
| β-PINENE               | 0.10944 % | 1.0944 mg/g  | 2.26285/139.77636 | N/A       |
| α-PINENE               | 0.12030 % | 1.2030 mg/g  | 0.2158/139.77636  | N/A       |
| β-MYRCENE              | 0.09076 % | 0.9076 mg/g  | 0.37994/139.77636 | N/A       |
| TERPINOLENE            | 0.08244 % | 0.8244 mg/g  | 0.29561/139.77636 | N/A       |
| β-OCIMENE              | 0.07841 % | 0.7841 mg/g  | 0.5004/96.44569   | N/A       |
| GUAJOL                 | 0.04572 % | 0.4572 mg/g  | 2.73064/139.77636 | N/A       |
| CAMPHENE               | 0.01626 % | 0.1626 mg/g  | 0.21707/139.77636 | N/A       |
| LINALOOL               | < LOQ     | < LOQ        | 0.37048/139.77636 | N/A       |
| α-OCIMENE              | ND        | ND           | 1.3495/43.33067   | N/A       |
| α-TERPINENE            | ND        | ND           | 0.30064/139.77636 | N/A       |
| EUCALYPTOL             | ND        | ND           | 0.468/139.77636   | N/A       |
| γ-TERPINENE            | ND        | ND           | 0.47179/139.77636 | N/A       |
| GERANIOL               | ND        | ND           | 0.29125/139.77636 | N/A       |
| ISOPULEGOL             | ND        | ND           | 0.54518/139.77636 | N/A       |
| P-CYMENE               | ND        | ND           | 0.2724/139.77636  | N/A       |
| Δ <sup>3</sup> -CARENE | ND        | ND           | 0.46067/139.77636 | N/A       |

\*\* TOTAL CBC = (CBCA X 0.877) + CBC  
 \*\* TOTAL CBCV = (CBCVA X 0.867) + CBCV  
 \*\* TOTAL CBD = (CBDA X 0.877) + CBD  
 \*\* TOTAL CBDV = (CBDVA X 0.867) + CBDV  
 \*\* TOTAL CBG = (CBGA X 0.878) + CBG  
 \*\* TOTAL CBGV = (CBGVA X 0.868) + CBGV  
 \*\* TOTAL CBL = (CBLA X 0.894) + CBL  
 \*\* TOTAL THC = (THCA X 0.877) + THC  
 \*\* TOTAL THCV = (THCVA X 0.867) + THCV  
 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  
 OCT 11, 2021



## BCL-13: PESTICIDE TESTING BY GC/MS // OCT 09, 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 // OCT 09, 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-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // OCT 08, 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-020: HEAVY METAL TESTING BY ICP-MS // OCT 08, 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-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // OCT 08, 2021**

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

**BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // OCT 10, 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-11: MYCOTOXIN TESTING BY LC-MS/MS // OCT 09, 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-02: MOISTURE CONTENT BY GRAVIMETRY // OCT 08, 2021**

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 12.50   | N/A       |

