

## CERTIFICATE OF ANALYSIS

PRODUCED: JUL 31, 2021

SAMPLE: GG4 (FLOWER) // CLIENT: GLASS HOUSE BRANDS // BATCH: PASS



**BATCH NO.:** GHFGG40728SMOZ  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-210728-056  
**COLLECTED ON:** JUL 28, 2021  
**RECEIVED ON:** JUL 28, 2021  
**BATCH/SAMPLE SIZE:** 22679.6 G / 80 G

### CANNABINOID OVERVIEW

|                            |                   |
|----------------------------|-------------------|
| <b>TOTAL THC:</b>          | <b>23.31918 %</b> |
| <b>TOTAL CBD:</b>          | <b>0.05101 %</b>  |
| <b>TOTAL CANNABINOIDS:</b> | <b>27.26392 %</b> |

### CULTIVATOR INFO

**CULTIVATOR**  
 MISSION HEALTH ASSOCIATES, INC.  
 5601 CASITAS PASS RD  
 CARPENTERIA, CA 93013

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

### DISTRIBUTOR INFO

**DISTRIBUTOR**  
 CA MANUFACTURING SOLUTIONS, LLC  
 1637 W CENTRAL AVE  
 LOMPOC, CA 93436

**LICENSE**  
 C11-0000031-LIC  
 ADULT-USE AND MEDICINAL -  
 DISTRIBUTOR LICENSE



### BCL-03: CANNABINOID POTENCY BY HPLC-UV // JUL 30, 2021

| ANALYTE             | AMT        | AMT           | LOD/LOQ (mg/g)  | PASS/FAIL |
|---------------------|------------|---------------|-----------------|-----------|
| CBC                 | 0.04014 %  | 0.4014 mg/g   | 0.00972/0.22089 | N/A       |
| BCA                 | 0.21720 %  | 2.1720 mg/g   | 0.02783/0.22089 | N/A       |
| CBD                 | ND         | ND            | 0.01369/0.22089 | N/A       |
| CBDA                | 0.05816 %  | 0.5816 mg/g   | 0.00707/0.22089 | N/A       |
| CBDV                | ND         | ND            | 0.0106/0.22089  | N/A       |
| CBDVA               | ND         | ND            | 0.00707/0.22089 | N/A       |
| CBG                 | 0.07169 %  | 0.7169 mg/g   | 0.01281/0.22089 | N/A       |
| CBGA                | 0.34483 %  | 3.4483 mg/g   | 0.00884/0.22089 | N/A       |
| CBN                 | ND         | ND            | 0.00707/0.22089 | N/A       |
| Δ <sup>8</sup> -THC | ND         | ND            | 0.02562/0.22089 | N/A       |
| Δ <sup>9</sup> -THC | 1.30073 %  | 13.0073 mg/g  | 0.01855/0.22089 | N/A       |
| THCA                | 25.10656 % | 251.0656 mg/g | 0.01325/0.22089 | N/A       |
| THCV                | ND         | ND            | 0.01458/0.22089 | N/A       |
| THCVA               | 0.12461 %  | 1.2461 mg/g   | 0.01016/0.22089 | N/A       |
| TOT THC **          | 23.31918 % | 233.1918 mg/g |                 | N/A       |
| TOT CBD **          | 0.05101 %  | 0.5101 mg/g   |                 | N/A       |

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

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

| ANALYTE                | AMT       | AMT          | LOD/LOQ (µg/g)    | PASS/FAIL |
|------------------------|-----------|--------------|-------------------|-----------|
| TOTAL TERPENES         | 1.57405 % | 15.7405 mg/g |                   | N/A       |
| β-CARYOPHYLLENE        | 0.76464 % | 7.6464 mg/g  | 1.73905/126.76566 | N/A       |
| α-HUMULENE             | 0.27977 % | 2.7977 mg/g  | 0.42508/126.76566 | N/A       |
| D-LIMONENE             | 0.25097 % | 2.5097 mg/g  | 0.22701/126.76566 | N/A       |
| β-MYRCENE              | 0.10882 % | 1.0882 mg/g  | 0.34457/126.76566 | N/A       |
| α-BISABOLOL            | 0.06496 % | 0.6496 mg/g  | 3.95283/126.76566 | N/A       |
| LINALOOL               | 0.04864 % | 0.4864 mg/g  | 0.33599/126.76566 | N/A       |
| β-PINENE               | 0.03720 % | 0.3720 mg/g  | 2.05222/126.76566 | N/A       |
| α-PINENE               | 0.01905 % | 0.1905 mg/g  | 0.19571/126.76566 | N/A       |
| CAMPHENE               | < LOQ     | < LOQ        | 0.19687/126.76566 | N/A       |
| GERANIOL               | < LOQ     | < LOQ        | 0.26414/126.76566 | N/A       |
| α-TERPINENE            | ND        | ND           | 0.27266/126.76566 | N/A       |
| β-OCIMENE              | ND        | ND           | 0.45382/87.46831  | N/A       |
| α-OCIMENE              | ND        | ND           | 1.22388/39.29736  | N/A       |
| Δ <sup>3</sup> -CARENE | ND        | ND           | 0.41779/126.76566 | N/A       |
| EUCALYPTOL             | ND        | ND           | 0.42444/126.76566 | N/A       |
| γ-TERPINENE            | ND        | ND           | 0.42787/126.76566 | N/A       |
| GUAIOL                 | ND        | ND           | 2.47647/126.76566 | N/A       |
| ISOPULEGOL             | ND        | ND           | 0.49444/126.76566 | N/A       |
| P-CYMENE               | ND        | ND           | 0.24704/126.76566 | N/A       |
| TERPINOLENE            | ND        | ND           | 0.2681/126.76566  | N/A       |

SAMPLE WAS TESTED AS RECEIVED. ALL LQC SAMPLES REQUIRED BY SECTION 5730 OF CALIFORNIA CODE OF REGULATIONS TITLE 16 DIVISION 42 BUREAU OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.

RESULTS CERTIFIED BY: RON BROOKS, M.S.  
 LABORATORY DIRECTOR, BELCOSTA LABS  
 JUL 31, 2021



# REGULATORY COMPLIANCE TESTING

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JUL 30, 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 // JUL 30, 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-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // JUL 28, 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 // JUL 29, 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 | 0.057      | 0.0003/0.05    | PASS      |
| MERCURY | 0.1 µg/g | < LOQ      | 0.0001/0.01    | PASS      |

## BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // JUL 29, 2021

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.58     | PASS      |

## BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // JUL 30, 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 // JUL 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-02: MOISTURE CONTENT BY GRAVIMETRY // JUL 29, 2021

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

