

## CERTIFICATE OF ANALYSIS

PRODUCED: APR 26, 2022

SAMPLE: SUGAR TARTS (FLOWER) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



**BATCH NO.:** GHFSUG0421SMHOZ  
**METRC UID:** 1A406030003DC49000001352  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-220422-161  
**COLLECTED ON:** APR 22, 2022  
**RECEIVED ON:** APR 22, 2022  
**BATCH/SAMPLE SIZE:** 12712 G / 45 G

### CANNABINOID OVERVIEW

|                             |                   |
|-----------------------------|-------------------|
| <b>TOTAL THC:</b>           | <b>28.14875 %</b> |
| <b>TOTAL CBD:</b>           | <b>0.07482 %</b>  |
| <b>SUM OF CANNABINOIDS:</b> | <b>33.01167 %</b> |

### CULTIVATOR INFO

**CULTIVATOR**  
 MISSION HEALTH ASSOCIATES, INC.  
 DBA GLASS HOUSE FARMS  
 2211 DAMON STREET  
 LOS ANGELES, CA 9002

**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 // APR 25, 2022

| ANALYTE             | AMT        | AMT           | LOD/LOQ (mg/g)  | PASS/FAIL |
|---------------------|------------|---------------|-----------------|-----------|
| CBC                 | 0.03033 %  | 0.3033 mg/g   | 0.01098/0.24955 | N/A       |
| CBCA                | 0.47731 %  | 4.7731 mg/g   | 0.03144/0.24955 | N/A       |
| CBD                 | ND         | ND            | 0.01547/0.24955 | N/A       |
| CBDA                | 0.08531 %  | 0.8531 mg/g   | 0.00799/0.24955 | N/A       |
| CBDV                | ND         | ND            | 0.01198/0.24955 | N/A       |
| CBDVA               | ND         | ND            | 0.00799/0.24955 | N/A       |
| CBG                 | 0.09409 %  | 0.9409 mg/g   | 0.01447/0.24955 | N/A       |
| CBGA                | 0.34281 %  | 3.4281 mg/g   | 0.00998/0.24955 | N/A       |
| CBN                 | ND         | ND            | 0.00799/0.24955 | N/A       |
| Δ <sup>8</sup> -THC | ND         | ND            | 0.02895/0.24955 | N/A       |
| Δ <sup>9</sup> -THC | 1.49069 %  | 14.9069 mg/g  | 0.02096/0.24955 | N/A       |
| THCA                | 30.39688 % | 303.9688 mg/g | 0.01497/0.24955 | N/A       |
| THCV                | ND         | ND            | 0.01647/0.24955 | N/A       |
| THCVA               | 0.09425 %  | 0.9425 mg/g   | 0.01148/0.24955 | N/A       |
| TOT THC**           | 28.14875 % | 281.4875 mg/g |                 | N/A       |
| TOT CBD**           | 0.07482 %  | 0.7482 mg/g   |                 | N/A       |

### BCL-09: TERPENOID TESTING BY HS-GC/FID // APR 24, 2022

| ANALYTE                | AMT       | AMT          | LOD/LOQ (mg/g)  | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES         | 1.31376 % | 13.1376 mg/g |                 | N/A       |
| D-LIMONENE             | 0.39421 % | 3.9421 mg/g  | 0.00025/0.13883 | N/A       |
| LINALOOL               | 0.14458 % | 1.4458 mg/g  | 0.00037/0.13883 | N/A       |
| β-MYRCENE              | 0.10042 % | 1.0042 mg/g  | 0.00038/0.13883 | N/A       |
| β-CARYOPHYLLENE        | 0.40210 % | 4.0210 mg/g  | 0.0019/0.13883  | N/A       |
| α-HUMULENE             | 0.12240 % | 1.2240 mg/g  | 0.00047/0.13883 | N/A       |
| β-PINENE               | 0.07012 % | 0.7012 mg/g  | 0.00225/0.13883 | N/A       |
| α-BISABOLOL            | 0.04218 % | 0.4218 mg/g  | 0.00433/0.13883 | N/A       |
| α-PINENE               | 0.03775 % | 0.3775 mg/g  | 0.00021/0.13883 | N/A       |
| CAMPHENE               | < LOQ     | < LOQ        | 0.00022/0.13883 | N/A       |
| GERANIOL               | < LOQ     | < LOQ        | 0.00029/0.13883 | N/A       |
| TERPINOLENE            | < LOQ     | < LOQ        | 0.00029/0.13883 | N/A       |
| β-OCIMENE              | ND        | ND           | 0.0005/0.0958   | N/A       |
| α-TERPINENE            | ND        | ND           | 0.0003/0.13883  | N/A       |
| Δ <sup>3</sup> -CARENE | ND        | ND           | 0.00046/0.13883 | N/A       |
| EUCALYPTOL             | ND        | ND           | 0.00046/0.13883 | N/A       |
| γ-TERPINENE            | ND        | ND           | 0.00047/0.13883 | N/A       |
| GUAIOL                 | ND        | ND           | 0.00271/0.13883 | N/A       |
| ISOPULEGOL             | ND        | ND           | 0.00054/0.13883 | N/A       |
| α-OCIMENE              | ND        | ND           | 0.00134/0.04304 | N/A       |
| P-CYMENE               | ND        | ND           | 0.00027/0.13883 | 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  
 APR 26, 2022



## BCL-13: PESTICIDE TESTING BY GC/MS // APR 24, 2022

| ANALYTE         | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|-----------------|----------|------------|-----------------|-----------|
| CAPTAN          | 0.7 µg/g | ND         | 0.0313/0.0948   | PASS      |
| CHLORDANE       | Any amt  | ND         |                 | PASS      |
| CHLORDANE CIS   |          | ND         | 0.01107/0.03356 | N/A       |
| CHLORDANE TRANS |          | ND         | 0.01059/0.03202 | N/A       |
| CHLORFENAPYR    | Any amt  | ND         | 0.02386/0.07225 | PASS      |

| ANALYTE                  | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|--------------------------|----------|------------|-----------------|-----------|
| CHLORPYRIFOS             | Any amt  | ND         | 0.01113/0.0338  | PASS      |
| DICHLORVOS               | Any amt  | ND         | 0.01172/0.03553 | PASS      |
| METHYL PARATHION         | Any amt  | ND         | 0.01345/0.04077 | PASS      |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND         | 0.01399/0.04243 | PASS      |

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 25, 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-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 23, 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-020: HEAVY METAL TESTING BY ICP-MS // APR 23, 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-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // APR 23, 2022**

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.49     | PASS      |

**BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // APR 24, 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-11: MYCOTOXIN TESTING BY LC-MS/MS // APR 25, 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-02: MOISTURE CONTENT BY GRAVIMETRY // APR 23, 2022**

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 9.50    | N/A       |

