

CERTIFICATE OF ANALYSIS

PRODUCED: APR 26, 2022

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



BATCH NO.: GHFSUG0421SMB
METRC UID: 1A406030003DC49000001350
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: BCL-220422-157
COLLECTED ON: APR 22, 2022
RECEIVED ON: APR 22, 2022
BATCH/SAMPLE SIZE: 6765 G / 24 G

CANNABINOID OVERVIEW

TOTAL THC: 25.15304 %
TOTAL CBD: 0.0625 %
SUM OF CANNABINOIDS: 29.30581 %

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 | ND | ND | 0.0109/0.24777 | N/A |
| CBCA | 0.27247 % | 2.7247 mg/g | 0.03122/0.24777 | N/A |
| CBD | ND | ND | 0.01536/0.24777 | N/A |
| CBDA | 0.07126 % | 0.7126 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 | 0.09291 % | 0.9291 mg/g | 0.01437/0.24777 | N/A |
| CBGA | 0.30756 % | 3.0756 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 | 1.48097 % | 14.8097 mg/g | 0.02081/0.24777 | N/A |
| THCA | 26.99210 % | 269.9210 mg/g | 0.01487/0.24777 | N/A |
| THCV | ND | ND | 0.01635/0.24777 | N/A |
| THCVA | 0.08854 % | 0.8854 mg/g | 0.01114/0.24777 | N/A |
| TOT THC** | 25.15304 % | 251.5304 mg/g | | N/A |
| TOT CBD** | 0.06250 % | 0.6250 mg/g | | 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 // APR 24, 2022

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES | 1.63968 % | 16.3968 mg/g | | N/A |
| D-LIMONENE | 0.47307 % | 4.7307 mg/g | 0.00025/0.13961 | N/A |
| β-CARYOPHYLLENE | 0.40922 % | 4.0922 mg/g | 0.00192/0.13961 | N/A |
| β-MYRCENE | 0.26348 % | 2.6348 mg/g | 0.00038/0.13961 | N/A |
| LINALOOL | 0.18054 % | 1.8054 mg/g | 0.00037/0.13961 | N/A |
| α-HUMULENE | 0.12750 % | 1.2750 mg/g | 0.00047/0.13961 | N/A |
| β-PINENE | 0.08602 % | 0.8602 mg/g | 0.00226/0.13961 | N/A |
| α-PINENE | 0.04560 % | 0.4560 mg/g | 0.00022/0.13961 | N/A |
| α-BISABOLOL | 0.04013 % | 0.4013 mg/g | 0.00435/0.13961 | N/A |
| CAMPHENE | 0.01412 % | 0.1412 mg/g | 0.00022/0.13961 | N/A |
| GERANIOL | < LOQ | < LOQ | 0.00029/0.13961 | N/A |
| TERPINOLENE | < LOQ | < LOQ | 0.0003/0.13961 | N/A |
| β-OCIMENE | ND | ND | 0.0005/0.09633 | N/A |
| α-TERPINENE | ND | ND | 0.0003/0.13961 | N/A |
| Δ ³ -CARENE | ND | ND | 0.00046/0.13961 | N/A |
| EUCALYPTOL | ND | ND | 0.00047/0.13961 | N/A |
| γ-TERPINENE | ND | ND | 0.00047/0.13961 | N/A |
| GUAIOL | ND | ND | 0.00273/0.13961 | N/A |
| ISOPULEGOL | ND | ND | 0.00054/0.13961 | N/A |
| α-OCIMENE | ND | ND | 0.00135/0.04328 | N/A |
| P-CYMENE | ND | ND | 0.00027/0.13961 | N/A |

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 | 0.03132/0.09484 | PASS |
| CHLORDANE | Any amt | ND | | PASS |
| CHLORDANE CIS | | ND | 0.01107/0.03358 | N/A |
| CHLORDANE TRANS | | ND | 0.0106/0.03203 | N/A |
| CHLORFENAPYR | Any amt | ND | 0.02387/0.07228 | PASS |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------------|----------|------------|-----------------|-----------|
| CHLORPYRIFOS | Any amt | ND | 0.01113/0.03382 | PASS |
| DICHLORVOS | Any amt | ND | 0.01173/0.03554 | PASS |
| METHYL PARATHION | Any amt | ND | 0.01346/0.04078 | PASS |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND | 0.01399/0.04245 | 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 | 0.52 | 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 | | 10.50 | N/A |

