

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 13, 2022

SAMPLE: WEDDING CAKE (FLOWER) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFWDC0110
METRC UID: 1A406030000A423000004485
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: BCL-220110-067
COLLECTED ON: JAN 10, 2022
RECEIVED ON: JAN 10, 2022
BATCH/SAMPLE SIZE: 3123 G / 12 G

CANNABINOID OVERVIEW

| | |
|----------------------------|-------------------|
| TOTAL THC: | 28.04833 % |
| TOTAL CBD: | 0.0686 % |
| TOTAL CANNABINOIDS: | 34.21766 % |

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 // JAN 12, 2022

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|---------------------|------------|---------------|-----------------|-----------|
| CBC | < LOQ | < LOQ | 0.01085/0.24669 | N/A |
| CBCA | 0.46157 % | 4.6157 mg/g | 0.03108/0.24669 | N/A |
| CBD | ND | ND | 0.0153/0.24669 | N/A |
| CBDA | 0.07822 % | 0.7822 mg/g | 0.00789/0.24669 | N/A |
| CBDV | ND | ND | 0.01184/0.24669 | N/A |
| CBDVA | ND | ND | 0.00789/0.24669 | N/A |
| CBG | 0.09202 % | 0.9202 mg/g | 0.01431/0.24669 | N/A |
| CBGA | 1.46553 % | 14.6553 mg/g | 0.00987/0.24669 | N/A |
| CBN | ND | ND | 0.00789/0.24669 | N/A |
| Δ ⁸ -THC | 0.10262 % | 1.0262 mg/g | 0.02862/0.24669 | N/A |
| Δ ⁹ -THC | 0.71203 % | 7.1203 mg/g | 0.02072/0.24669 | N/A |
| THCA | 31.17024 % | 311.7024 mg/g | 0.0148/0.24669 | N/A |
| THCV | ND | ND | 0.01628/0.24669 | N/A |
| THCVA | 0.13543 % | 1.3543 mg/g | 0.01135/0.24669 | N/A |
| TOT THC ** | 28.04833 % | 280.4833 mg/g | N/A | N/A |
| TOT CBD ** | 0.06860 % | 0.6860 mg/g | N/A | 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 // JAN 12, 2022

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES | 2.13950 % | 21.3950 mg/g | | N/A |
| D-LIMONENE | 0.54562 % | 5.4562 mg/g | 0.00025/0.1382 | N/A |
| β-CARYOPHYLLENE | 0.54342 % | 5.4342 mg/g | 0.0019/0.1382 | N/A |
| LINALOOL | 0.23174 % | 2.3174 mg/g | 0.00037/0.1382 | N/A |
| β-MYRCENE | 0.42150 % | 4.2150 mg/g | 0.00038/0.1382 | N/A |
| α-HUMULENE | 0.19810 % | 1.9810 mg/g | 0.00046/0.1382 | N/A |
| β-PINENE | 0.08514 % | 0.8514 mg/g | 0.00224/0.1382 | N/A |
| α-PINENE | 0.04475 % | 0.4475 mg/g | 0.00021/0.1382 | N/A |
| α-BISABOLOL | 0.03938 % | 0.3938 mg/g | 0.00431/0.1382 | N/A |
| GERANIOL | 0.01498 % | 0.1498 mg/g | 0.00029/0.1382 | N/A |
| CAMPHENE | 0.01487 % | 0.1487 mg/g | 0.00021/0.1382 | N/A |
| TERPINOLENE | < LOQ | < LOQ | 0.00029/0.1382 | N/A |
| β-OCIMENE | ND | ND | 0.00049/0.09536 | N/A |
| α-TERPINENE | ND | ND | 0.0003/0.1382 | N/A |
| Δ ³ -CARENE | ND | ND | 0.00046/0.1382 | N/A |
| EUCALYPTOL | ND | ND | 0.00046/0.1382 | N/A |
| γ-TERPINENE | ND | ND | 0.00047/0.1382 | N/A |
| GUAIOL | ND | ND | 0.0027/0.1382 | N/A |
| ISOPULEGOL | ND | ND | 0.00054/0.1382 | N/A |
| α-OCIMENE | ND | ND | 0.00133/0.04284 | N/A |
| P-CYMENE | ND | ND | 0.00027/0.1382 | 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
 JAN 13, 2022



REGULATORY COMPLIANCE TESTING

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JAN 12, 2022

| 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 | < LOQ | 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 // JAN 13, 2022

| 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 | PENTACHLORONITROBENZENE | 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 // JAN 11, 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 // JAN 11, 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 // JAN 12, 2022

| ANALYTE | LIMIT | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.48 | PASS |

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // JAN 12, 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 // JAN 12, 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 // JAN 12, 2022

| ANALYTE | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE | | 11.00 | N/A |

