

CERTIFICATE OF ANALYSIS

PRODUCED: APR 09, 2022

SAMPLE: GARLIC STARSHIP (FLOWER) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFGS0406SMB
METRC UID: 1A406030000A423000005198
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: BCL-220406-020
COLLECTED ON: APR 06, 2022
RECEIVED ON: APR 06, 2022
BATCH/SAMPLE SIZE: 9080 G / 32 G

CANNABINOID OVERVIEW

| | |
|-----------------------------|-------------------|
| TOTAL THC: | 31.99855 % |
| TOTAL CBD: | 0.11119 % |
| SUM OF CANNABINOIDS: | 38.29249 % |

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 07, 2022

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|---------------------|------------|---------------|-----------------|-----------|
| CBC | 0.03670 % | 0.3670 mg/g | 0.01068/0.24267 | N/A |
| CBCA | 0.32867 % | 3.2867 mg/g | 0.03058/0.24267 | N/A |
| CBD | ND | ND | 0.01505/0.24267 | N/A |
| CBDA | 0.12679 % | 1.2679 mg/g | 0.00777/0.24267 | N/A |
| CBDV | ND | ND | 0.01165/0.24267 | N/A |
| CBDVA | 0.06576 % | 0.6576 mg/g | 0.00777/0.24267 | N/A |
| CBG | 0.11501 % | 1.1501 mg/g | 0.01407/0.24267 | N/A |
| CBGA | 1.18794 % | 11.8794 mg/g | 0.00971/0.24267 | N/A |
| CBN | ND | ND | 0.00777/0.24267 | N/A |
| Δ ⁸ -THC | ND | ND | 0.02815/0.24267 | N/A |
| Δ ⁹ -THC | 1.75553 % | 17.5553 mg/g | 0.02038/0.24267 | N/A |
| THCA | 34.48463 % | 344.8463 mg/g | 0.01456/0.24267 | N/A |
| THCV | ND | ND | 0.01602/0.24267 | N/A |
| THCVA | 0.19146 % | 1.9146 mg/g | 0.01116/0.24267 | N/A |
| TOT THC** | 31.99855 % | 319.9855 mg/g | | N/A |
| TOT CBD** | 0.11119 % | 1.1119 mg/g | | N/A |

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

| ANALYTE | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES | 2.38153 % | 23.8153 mg/g | | N/A |
| β-CARYOPHYLLENE | 0.77229 % | 7.7229 mg/g | 0.00178/0.12985 | N/A |
| D-LIMONENE | 0.61682 % | 6.1682 mg/g | 0.00023/0.12985 | N/A |
| β-MYRCENE | 0.42028 % | 4.2028 mg/g | 0.00035/0.12985 | N/A |
| α-HUMULENE | 0.29006 % | 2.9006 mg/g | 0.00044/0.12985 | N/A |
| α-BISABOLOL | 0.07548 % | 0.7548 mg/g | 0.00405/0.12985 | N/A |
| β-PINENE | 0.07476 % | 0.7476 mg/g | 0.0021/0.12985 | N/A |
| LINALOOL | 0.06722 % | 0.6722 mg/g | 0.00034/0.12985 | N/A |
| α-PINENE | 0.05050 % | 0.5050 mg/g | 0.0002/0.12985 | N/A |
| CAMPHENE | 0.01412 % | 0.1412 mg/g | 0.0002/0.12985 | N/A |
| TERPINOLENE | < LOQ | < LOQ | 0.00027/0.12985 | N/A |
| α-TERPINENE | ND | ND | 0.00028/0.12985 | N/A |
| β-OCIMENE | ND | ND | 0.00046/0.08959 | N/A |
| α-OCIMENE | ND | ND | 0.00125/0.04025 | N/A |
| Δ ³ -CARENE | ND | ND | 0.00043/0.12985 | N/A |
| EUCALYPTOL | ND | ND | 0.00043/0.12985 | N/A |
| γ-TERPINENE | ND | ND | 0.00044/0.12985 | N/A |
| GERANIOL | ND | ND | 0.00027/0.12985 | N/A |
| GUAIOL | ND | ND | 0.00254/0.12985 | N/A |
| ISOPULEGOL | ND | ND | 0.00051/0.12985 | N/A |
| P-CYMENE | ND | ND | 0.00025/0.12985 | 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 09, 2022



BCL-13: PESTICIDE TESTING BY GC/MS // APR 08, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|-----------------|----------|------------|-----------------|-----------|
| CAPTAN | 0.7 µg/g | ND | 0.03026/0.09164 | PASS |
| CHLORDANE | Any amt | ND | | PASS |
| CHLORDANE CIS | | ND | 0.0107/0.03244 | N/A |
| CHLORDANE TRANS | | ND | 0.01024/0.03095 | N/A |
| CHLORFENAPYR | Any amt | ND | 0.02307/0.06984 | PASS |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------------|----------|------------|-----------------|-----------|
| CHLORPYRIFOS | Any amt | ND | 0.01076/0.03267 | PASS |
| DICHLORVOS | Any amt | ND | 0.01133/0.03434 | PASS |
| METHYL PARATHION | Any amt | ND | 0.013/0.03941 | PASS |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND | 0.01352/0.04102 | PASS |

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 08, 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 06, 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 07, 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 07, 2022

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

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // APR 09, 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 08, 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 07, 2022

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

