



CERTIFICATE OF ANALYSIS

PRODUCED: SEP 02, 2022

SAMPLE: BUBBLEGUM (DISTILLATE) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: AG.BG.061022.003
SRC PKG: 1A406030000585D000007285
MATRIX: DISTILLATE
CATEGORY: INHALABLE
SAMPLE ID: VAL-220829-014
COLLECTED ON: AUG 29, 2022
RECEIVED ON: AUG 29, 2022
BATCH/SAMPLE SIZE: 998 UNITS / 12 UNITS
SAMPLED BY: SAAM SHAHBAZI
RECEIVED BY: BRIANA PHAM
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

| | |
|-----------------------------|------------------|
| TOTAL THC: | 87.6302 % |
| TOTAL CBD: | 0 % |
| TOTAL CANNABINOIDS: | 87.6302 % |
| SUM OF CANNABINOIDS: | 87.6302 % |

MANUFACTURER INFO

MANUFACTURER
 ALKHEMIST DM LLC
 2211 DAMON ST
 LOS ANGELES, CA 90021
LICENSE
 CDPH-10004691
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 ALKHEMIST DM LLC
 2211 DAMON ST
 LOS ANGELES, CA 90021
LICENSE
 C11-0001456-LIC
 ADULT-USE AND MEDICINAL -
 DISTRIBUTOR LICENSE

BATCH RESULT: PASS

| | | | |
|------------------|------|-------------------|--------|
| POTENCY | PASS | MYCOTOXINS | PASS |
| FOREIGN | PASS | PESTICIDES | PASS |
| METALS | PASS | SOLVENTS | PASS |
| MICROBIAL | PASS | TERPENES | TESTED |

VA/SOP-500.01: POTENCY TESTING WITH HPLC-UV // AUG 30, 2022

| ANALYTE | LIMIT | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE | LIMIT | AMT | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|---------------------|-------|-------|-----|----------------|-----------|------------------------------|-----------|---------|------|-------------------|-----------|
| CBC | < LOQ | < LOQ | | 8.4973/28.2098 | N/A | Δ ⁹ -THC | 87.6302 % | 876.302 | mg/g | 8.4991/28.2098 | N/A |
| CBD | ND | ND | | 8.2857/28.2098 | N/A | THCA | | ND | | ND 7.6528/28.2098 | N/A |
| CBDA | ND | ND | | 6.5244/28.2098 | N/A | TOTAL THC** | 87.6302 % | 876.302 | mg/g | | N/A |
| CBDV | ND | ND | | 7.2731/28.2098 | N/A | TOTAL CBD** | | ND | | ND | N/A |
| CBG | < LOQ | < LOQ | | 7.9060/28.2098 | N/A | CBD/PKG | | ND | | | N/A |
| CBGA | ND | ND | | 8.8861/28.2098 | N/A | Δ⁹-THC/PKG | 876.30 | mg | | | PASS |
| CBN | < LOQ | < LOQ | | 7.2803/28.2098 | N/A | TOTAL CBD/PKG** | | ND | | | N/A |
| Δ ⁹ -THC | ND | ND | | 8.3219/28.2098 | N/A | TOTAL THC/PKG** | 876.30 | mg | | | N/A |

** TOTAL CBD = (CBDA X 0.877) + CBD

** TOTAL THC = (THCA X 0.877) + THC



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. THE RESULTS REPORTED ON THIS CERTIFICATE OF ANALYSIS RELATE ONLY TO THE SAMPLE ANALYZED.

RESULTS CERTIFIED BY: PAUL HAMRAH, MS,
 PHARM D
 LAB DIRECTOR, VERITY ANALYTICS
 SEP 02, 2022

VA/SOP-900.01: TERPENOID TESTING WITH GC-FID // AUG 30, 2022

| ANALYTE | AMT | AMT | LOD/LOQ (µg/g) | PASS/FAIL |
|-----------------|----------|-------------|---------------------|-----------|
| TOTAL TERPENES | 4.0029 % | 40.029 mg/g | | N/A |
| D-LIMONENE | 1.4154 % | 14.154 mg/g | 334.2582/1001.9268 | N/A |
| α-HUMULENE | 0.9414 % | 9.414 mg/g | 487.0520/1460.5010 | N/A |
| LINALOOL | 0.9349 % | 9.349 mg/g | 595.7225/1788.0539 | N/A |
| β-CARYOPHYLLENE | 0.7112 % | 7.112 mg/g | 353.6031/1059.7303 | N/A |
| (-)-α-BISABOLOL | ND | ND | | N/A |
| TRANS-β-OCIMENE | ND | ND | | N/A |
| TERPINOLENE | ND | ND | 454.8748/1364.1618 | N/A |
| P-CYMENE | ND | ND | 244.6243/732.1773 | N/A |
| GUAIOL | ND | ND | 234.7977/705.2023 | N/A |
| GERANIOL | ND | ND | 2302.5048/6909.4412 | N/A |
| γ-TERPINENE | ND | ND | 183.7380/551.0597 | N/A |

| ANALYTE | AMT | AMT | LOD/LOQ (µg/g) | PASS/FAIL |
|------------------------|-----|-----|--------------------|-----------|
| Δ ³ -CARENE | ND | ND | 279.6917/840.0771 | N/A |
| CIS-β-OCIMENE | ND | ND | | N/A |
| CIS-NEROLIDOL | ND | ND | 176.1464/527.9383 | N/A |
| (-)-β-PINENE | ND | ND | | N/A |
| CARYOPHYLLENE OXIDE | ND | ND | | N/A |
| CAMPHENE | ND | ND | 223.0443/670.5202 | N/A |
| β-MYRCENE | ND | ND | 351.0597/1052.0231 | N/A |
| α-TERPINENE | ND | ND | 294.7592/882.4663 | N/A |
| α-PINENE | ND | ND | 154.4509/462.4277 | N/A |
| 1,8-CINEOLE | ND | ND | | N/A |
| (-)-ISOPULEGOL | ND | ND | | N/A |
| TRANS-NEROLIDOL | ND | ND | 168.2852/504.8170 | N/A |

VA/SOP-610.01: RESIDUAL PESTICIDES TESTING WITH GC-MS // AUG 30, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|-----------------|---------|------------|----------------|-----------|
| CHLORDANE | Any amt | ND | | PASS |
| CHLORDANE CIS | | ND | 0.0010/0.0800 | N/A |
| CHLORDANE TRANS | | ND | 0.0010/0.0800 | N/A |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------------|----------|------------|----------------|-----------|
| CHLORFENAPYR | Any amt | ND | 0.0023/0.0820 | PASS |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND | 0.0016/0.0800 | PASS |

VA/SOP-600.02: RESIDUAL PESTICIDES TESTING WITH LC-MS // SEP 02, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|----------------------|----------|------------|------------------|-----------|
| ABAMECTIN | 0.1 µg/g | ND | 31.0000/95.0000 | PASS |
| ACEPHATE | 0.1 µg/g | ND | 27.0000/83.0000 | PASS |
| ACEQUINOCYL | 0.1 µg/g | ND | 9.0000/28.0000 | PASS |
| ACETAMIPRID | 0.1 µg/g | ND | 16.0000/49.0000 | PASS |
| ALDICARB | Any amt | ND | 21.0000/63.0000 | PASS |
| α-CYFLUTHRIN | | ND | 73.0000/221.0000 | N/A |
| α-CYPERMETHRIN | | ND | 42.0000/128.0000 | N/A |
| AZOXYSTROBIN | 0.1 µg/g | ND | 21.0000/62.0000 | PASS |
| β-CYFLUTHRIN | | ND | 48.0000/147.0000 | N/A |
| β-CYPERMETHRIN | | ND | 51.0000/154.0000 | N/A |
| BIFENAZATE | 0.1 µg/g | ND | 26.0000/78.0000 | PASS |
| BIFENTHRIN | 3 µg/g | ND | 16.0000/48.0000 | PASS |
| BOSCALID | 0.1 µg/g | ND | 29.0000/87.0000 | PASS |
| CAPTAN | 0.7 µg/g | ND | 2.0000/6.0000 | PASS |
| CARBARYL | 0.5 µg/g | ND | 21.0000/64.0000 | PASS |
| CARBOFURAN | Any amt | ND | 14.0000/41.0000 | PASS |
| CHLORANTRANIL-IPROLE | 10 µg/g | ND | 22.0000/66.0000 | PASS |
| CHLORPYRIFOS | Any amt | ND | 30.0000/91.0000 | PASS |
| CLOFENTEZINE | 0.1 µg/g | ND | 30.0000/92.0000 | PASS |
| COUMAPHOS | Any amt | ND | 31.0000/95.0000 | PASS |
| CYFLUTHRIN | 2 µg/g | ND | | PASS |
| CYPERMETHRIN | 1 µg/g | ND | | PASS |
| DAMINOZIDE | Any amt | ND | 30.0000/90.0000 | PASS |
| DIAZINON | 0.1 µg/g | ND | 15.0000/46.0000 | PASS |
| DICHLORVOS | Any amt | ND | 21.0000/63.0000 | PASS |
| DIMETHOATE | Any amt | ND | 27.0000/82.0000 | PASS |
| DIMETHOMORPH | 2 µg/g | ND | 29.0000/88.0000 | PASS |
| ETHOPROPHOS | Any amt | ND | 31.0000/92.0000 | PASS |
| ETOFENPROX | Any amt | ND | 32.0000/96.0000 | PASS |
| ETOXAZOLE | 0.1 µg/g | ND | 24.0000/73.0000 | PASS |
| FENHEXAMID | 0.1 µg/g | ND | 22.0000/66.0000 | PASS |
| FENOXYCARB | Any amt | ND | 11.0000/34.0000 | PASS |
| FENPYROXIMATE | 0.1 µg/g | ND | 29.0000/87.0000 | PASS |
| FIPRONIL | Any amt | ND | 19.0000/58.0000 | PASS |
| FLONICAMID | 0.1 µg/g | ND | 31.0000/93.0000 | PASS |
| FLUDIOXONIL | 0.1 µg/g | ND | 20.0000/61.0000 | PASS |
| HEXYTHIAZOX | 0.1 µg/g | ND | 24.0000/72.0000 | PASS |

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|-------------------------|----------|------------|------------------|-----------|
| IMAZALIL | Any amt | ND | 28.0000/85.0000 | PASS |
| IMIDACLOPRID | 5 µg/g | ND | 34.0000/103.0000 | PASS |
| KRESOXIM-METHYL | 0.1 µg/g | ND | 30.0000/91.0000 | PASS |
| MALATHION | 0.5 µg/g | ND | 27.0000/82.0000 | PASS |
| METALAXYL | 2 µg/g | ND | 24.0000/72.0000 | PASS |
| METHIOCARB | Any amt | ND | 17.0000/51.0000 | PASS |
| METHOMYL | 1 µg/g | ND | 31.0000/95.0000 | PASS |
| METHYL PARATHION | Any amt | ND | 7.0000/22.0000 | PASS |
| MEVINPHOS | Any amt | ND | 27.0000/83.0000 | PASS |
| MYCLOBUTANIL | 0.1 µg/g | ND | 26.0000/80.0000 | PASS |
| NALED | 0.1 µg/g | ND | 29.0000/87.0000 | PASS |
| OXAMYL | 0.5 µg/g | ND | 13.0000/38.0000 | PASS |
| PACLOBUTRAZOL | Any amt | ND | 21.0000/65.0000 | PASS |
| PERMETHRIN | 0.5 µg/g | ND | 30.0000/90.0000 | PASS |
| PHOSMET | 0.1 µg/g | ND | 26.0000/79.0000 | PASS |
| PIPERONYLBUTOXIDE | 3 µg/g | ND | 34.0000/103.0000 | PASS |
| PRALLETHRIN | 0.1 µg/g | ND | 14.0000/43.0000 | PASS |
| PROPICONAZOLE | 0.1 µg/g | ND | 19.0000/58.0000 | PASS |
| PROPOXUR | Any amt | ND | 33.0000/99.0000 | PASS |
| PYRETHRINS | 0.5 µg/g | ND | | PASS |
| PYRETHRINS PYRETHRIN I | | ND | 27.0000/83.0000 | N/A |
| PYRETHRINS PYRETHRIN II | | ND | 26.0000/79.0000 | N/A |
| PYRIDABEN | 0.1 µg/g | ND | 23.0000/69.0000 | PASS |
| SPINETORAM | 0.1 µg/g | ND | | PASS |
| SPINETORAM J | | ND | 22.0000/67.0000 | N/A |
| SPINETORAM L | | ND | 32.0000/96.0000 | N/A |
| SPINOSAD | 0.1 µg/g | ND | | PASS |
| SPINOSAD A | | ND | 30.0000/92.0000 | N/A |
| SPINOSAD D | | ND | 29.0000/87.0000 | N/A |
| SPIROMESIFEN | 0.1 µg/g | ND | 17.0000/51.0000 | PASS |
| SPIROTETRAMAT | 0.1 µg/g | ND | 26.0000/79.0000 | PASS |
| SPIROXAMINE | Any amt | ND | 21.0000/64.0000 | PASS |
| TEBUCONAZOLE | 0.1 µg/g | ND | 25.0000/77.0000 | PASS |
| THIACLOPRID | Any amt | ND | 13.0000/38.0000 | PASS |
| THIAMETHOXAM | 5 µg/g | ND | 12.0000/36.0000 | PASS |
| TRIFLOXYSTROBIN | 0.1 µg/g | ND | 23.0000/71.0000 | PASS |



VA/SOP-1000.01: MICROBIAL TESTING WITH PATHOGENDX // AUG 30, 2022

| ANALYTE | LIMIT | AMT (CFU) | PASS/FAIL | ANALYTE | LIMIT | AMT (CFU) | PASS/FAIL |
|-----------------------|-------------------|-----------|-----------|-------------------------------|-------------------|-----------|-----------|
| ASPERGILLUS FLAVUS | Any amt in 1 gram | ND | PASS | ASPERGILLUS TERREUS | Any amt in 1 gram | ND | PASS |
| ASPERGILLUS FUMIGATUS | Any amt in 1 gram | ND | PASS | SALMONELLA SPP. | Any amt in 1 gram | ND | PASS |
| ASPERGILLUS NIGER | Any amt in 1 gram | ND | PASS | SHIGA TOXIN-PRODUCING E. COLI | Any amt in 1 gram | ND | PASS |

VA/SOP-600.02: MYCOTOXINS TESTING WITH LC-MS // SEP 02, 2022

| ANALYTE | LIMIT | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL | ANALYTE | LIMIT | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|-------|-------------|-----------------|-----------|--------------|----------|-------------|-----------------|-----------|
| AFLATOXIN B1 | | ND | 2.0000/5.0000 | N/A | AFLATOXIN G2 | | ND | 2.0000/5.0000 | N/A |
| AFLATOXIN B2 | | ND | 2.0000/6.0000 | N/A | AFLATOXINS | 20 µg/kg | ND | | PASS |
| AFLATOXIN G1 | | ND | 3.0000/9.0000 | N/A | OCHRATOXIN A | 20 µg/kg | ND | 6.0000/19.0000 | PASS |

VA/SOP-700.01: HEAVY METALS TESTING WITH ICP-MS // AUG 30, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL | ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|---------|----------|------------|----------------|-----------|---------|----------|------------|----------------|-----------|
| ARSENIC | 0.2 µg/g | ND | 0.4118/1.2431 | PASS | LEAD | 0.5 µg/g | ND | 1.0157/3.0745 | PASS |
| CADMIUM | 0.2 µg/g | ND | 0.2941/0.8980 | PASS | MERCURY | 0.1 µg/g | ND | 0.1529/0.4588 | PASS |

VA/SOP-190.01: FOREIGN MATERIAL INSPECTION WITH MICROSCOPE // AUG 30, 2022

| ANALYTE | LIMIT | AMT (%) | PASS/FAIL | ANALYTE | LIMIT | AMT (%) | PASS/FAIL |
|--|--------|---------|-----------|---------------------------|-------|---------|-----------|
| IMBEDDED FOREIGN MATERIAL | 25 % | ND | PASS | MOLD | 25 % | ND | PASS |
| INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT | 1 Unit | ND | PASS | SAND, SOIL, CINDERS, DIRT | 25 % | ND | PASS |

VA/SOP-800.01: RESIDUAL SOLVENTS TESTING WITH GC-MS // AUG 31, 2022

| ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL | ANALYTE | LIMIT | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------|-----------|------------|----------------|-----------|--------------------|-----------|------------|----------------|-----------|
| 1,2-DICHLOROETHANE | 1 µg/g | ND | 0.1111/0.3185 | PASS | HEXANE | 290 µg/g | ND | 6.8148/24.8556 | PASS |
| ACETONE | 5000 µg/g | ND | 7.9259/24.8556 | PASS | ISOPROPYL ALCOHOL | 5000 µg/g | ND | 7.2222/24.8556 | PASS |
| ACETONITRILE | 410 µg/g | ND | 7.0370/24.8556 | PASS | METHANOL | 3000 µg/g | ND | 5.4444/19.8841 | PASS |
| BENZENE | 1 µg/g | ND | 0.1111/0.3185 | PASS | METHYLENE CHLORIDE | 1 µg/g | ND | 0.1481/0.4970 | PASS |
| BUTANE | 5000 µg/g | ND | 7.5926/24.8556 | PASS | PENTANE | 5000 µg/g | ND | 9.4074/31.0689 | PASS |
| CHLOROFORM | 1 µg/g | ND | 0.1111/0.3974 | PASS | PROPANE | 5000 µg/g | ND | 9.5185/31.0689 | PASS |
| ETHANOL | 5000 µg/g | ND | 7.2963/24.8556 | PASS | TOLUENE | 890 µg/g | ND | 5.6667/19.8841 | PASS |
| ETHYL ACETATE | 5000 µg/g | ND | 5.5556/19.8841 | PASS | TRICHLOROETHYLENE | 1 µg/g | ND | 0.1111/0.3185 | PASS |
| ETHYLENE OXIDE | 1 µg/g | ND | 0.1481/0.4970 | PASS | O-XYLENE | | ND | 2.8519/9.9259 | N/A |
| ETHYL ETHER | 5000 µg/g | ND | 7.8148/24.8556 | PASS | P- AND M-XYLENE | | ND | 2.9630/9.9259 | N/A |
| HEPTANE | 5000 µg/g | ND | 6.5556/19.8841 | PASS | TOTAL XYLENES | 2170 µg/g | ND | | PASS |

