

## CERTIFICATE OF ANALYSIS

PRODUCED: SEP 03, 2024

SAMPLE: JEALOUSY MINTS (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFJKM1010819MP  
METRC UID: 1A4060300036B66000011467  
MATRIX: PRE-ROLL  
CATEGORY: INHALABLE  
SAMPLE ID: BCL-240826-047  
COLLECTED ON: AUG 26, 2024  
RECEIVED ON: AUG 26, 2024  
BATCH/SAMPLE SIZE: 458 UNITS / 5 UNITS  
PACKAGE SIZE: 3.5 G

## CANNABINOID OVERVIEW

|                                    |            |
|------------------------------------|------------|
| TOTAL THC:                         | 25.11019 % |
| TOTAL CBD:                         | 0.10272 %  |
| TOTAL CANNABINOIDS <sup>††</sup> : | 26.49565 % |
| SUM OF CANNABINOIDS <sup>†</sup> : | 30.11143 % |

## MANUFACTURER INFO

## MANUFACTURER

ALKHEMIST DM LLC  
2211 DAMON STREET  
LOS ANGELES, CA 90021

## LICENSE

CDPH-10004691  
ADULT-USE AND MEDICINAL -  
MANUFACTURING LICENSE

## DISTRIBUTOR INFO

## DISTRIBUTOR

ALKHEMIST DM LLC  
2211 DAMON STREET  
LOS ANGELES, CA 90021

## LICENSE

C11-0001456-LIC  
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POTENCY



TERP

PEST  
PASS

MOIST

MICRO  
PASSMYCO  
PASSMETALS  
PASSWATER  
PASSFOREIGN  
PASSSOLVENT  
PASS

## BCL-28: DETERMINATION OF CANNABINOIDS CONCENTRATION BY HPLC FOR DRIED FLOWER INCLUDING NON-INFUSED PRE-ROLLS // AUG 28, 2024

| ANALYTE                 | AMT        | AMT           | LOD/LOQ (mg/g)  | PASS/FAIL |
|-------------------------|------------|---------------|-----------------|-----------|
| CBC                     | < LOQ      | < LOQ         | 0.0044/0.09995  | N/A       |
| CBCA                    | 0.21333 %  | 2.1333 mg/g   | 0.01259/0.09995 | N/A       |
| CBD                     | ND         | ND            | 0.0062/0.09995  | N/A       |
| CBDA                    | 0.11713 %  | 1.1713 mg/g   | 0.0032/0.09995  | N/A       |
| CBDV                    | ND         | ND            | 0.0048/0.09995  | N/A       |
| CBDVA                   | ND         | ND            | 0.0032/0.09995  | N/A       |
| CBG                     | 0.10055 %  | 1.0055 mg/g   | 0.0058/0.09995  | N/A       |
| CBGA                    | 0.85835 %  | 8.5835 mg/g   | 0.004/0.09995   | N/A       |
| CBN                     | ND         | ND            | 0.0032/0.09995  | N/A       |
| Δ <sup>8</sup> -THC     | ND         | ND            | 0.01159/0.09995 | N/A       |
| Δ <sup>9</sup> -THC     | 0.58999 %  | 5.8999 mg/g   | 0.0084/0.09995  | N/A       |
| THCA                    | 27.95918 % | 279.5918 mg/g | 0.11994/1.999   | N/A       |
| THCV                    | 0.02427 %  | 0.2427 mg/g   | 0.0066/0.09995  | N/A       |
| THCVA                   | 0.24863 %  | 2.4863 mg/g   | 0.0046/0.09995  | N/A       |
| TOT THC**               | 25.11019 % | 251.1019 mg/g |                 | N/A       |
| TOT CBD**               | 0.10272 %  | 1.0272 mg/g   |                 | N/A       |
| CBD/PKG                 | ND         |               |                 | N/A       |
| Δ <sup>9</sup> -THC/PKG | 20.65 mg   |               |                 | N/A       |
| TOT THC/PKG**           | 878.86 mg  |               |                 | N/A       |
| TOT CBD/PKG**           | 3.60 mg    |               |                 | N/A       |

DRY-WEIGHT AMOUNTS SHOWN

\*\* TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

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

† SUM OF CANNABINOIDS = CBC + CBCA + CBD + CBDA + CBDV + CBDVA + CBG + CBGA + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA

†† TOTAL CANNABINOIDS = (CBC + CBD + CBDV + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCV) + (0.877 \* (CBCA + CBDA + CBDVA + CBGA + THCA + THCVA))

## BCL-09: TERPENOID TESTING BY HS-GC/FID // AUG 28, 2024

| ANALYTE                | AMT       | AMT          | LOD/LOQ (mg/g)  | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES         | 1.12171 % | 11.2171 mg/g |                 | N/A       |
| β-CARYOPHYLLENE        | 0.42312 % | 4.2312 mg/g  | 0.00187/0.13659 | N/A       |
| LINALOOL               | 0.20152 % | 2.0152 mg/g  | 0.00036/0.13659 | N/A       |
| D-LIMONENE             | 0.17461 % | 1.7461 mg/g  | 0.00024/0.13659 | N/A       |
| α-HUMULENE             | 0.13760 % | 1.3760 mg/g  | 0.00046/0.13659 | N/A       |
| β-MYRCENE              | 0.07750 % | 0.7750 mg/g  | 0.00037/0.13659 | N/A       |
| GUAIOL                 | 0.06418 % | 0.6418 mg/g  | 0.00267/0.13659 | N/A       |
| β-PINENE               | 0.02914 % | 0.2914 mg/g  | 0.00221/0.13659 | N/A       |
| α-PINENE               | 0.01404 % | 0.1404 mg/g  | 0.00021/0.13659 | N/A       |
| CAMPHERE               | < LOQ     | < LOQ        | 0.00021/0.13659 | N/A       |
| α-BISABOLOL            | ND        | ND           | 0.00426/0.13659 | N/A       |
| α-TERPINENE            | ND        | ND           | 0.00029/0.13659 | N/A       |
| CIS-β-OCIMENE          | ND        | ND           | 0.00132/0.04234 | N/A       |
| Δ <sup>3</sup> -CARENE | ND        | ND           | 0.00045/0.13659 | N/A       |
| EUCALYPTOL             | ND        | ND           | 0.00046/0.13659 | N/A       |
| γ-TERPINENE            | ND        | ND           | 0.00046/0.13659 | N/A       |
| GERANIOL               | ND        | ND           | 0.00028/0.13659 | N/A       |
| ISOPULEGOL             | ND        | ND           | 0.00053/0.13659 | N/A       |
| P-CYMENTHENE           | ND        | ND           | 0.00027/0.13659 | N/A       |
| TERPINOLENE            | ND        | ND           | 0.00029/0.13659 | N/A       |
| TRANS-β-OCIMENE        | ND        | ND           | 0.00049/0.09424 | N/A       |



# REGULATORY COMPLIANCE TESTING

LABORATORY PERFORMED SAMPLING AS PER BCL-01 AT 2211 DAMON STREET, LOS ANGELES, CA 90021. THE RESULTS RELATE ONLY TO THE ITEMS TESTED. 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. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

**RESULTS CERTIFIED BY:** DZOANA KLISARA, B.SC.  
LABORATORY DIRECTOR, BELCOSTA LABS  
SEP 03, 2024

*Dzoana Klisara*



## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // SEP 01, 2024

| 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         | 0.01972/0.0696  | PASS      | METALAXYL               | 2 µg/g   | ND         | 0.00379/0.06054 | PASS      |
| ACEPHATE             | 0.1 µg/g | ND         | 0.00862/0.0606  | PASS      | METHIOCARB              | Any amt  | ND         | 0.01182/0.06042 | PASS      |
| ACEQUINOCYL          | 0.1 µg/g | ND         | 0.00784/0.06    | PASS      | METHOMYL                | 1 µg/g   | ND         | 0.00504/0.06042 | PASS      |
| ACETAMIPRID          | 0.1 µg/g | ND         | 0.00491/0.06042 | PASS      | MEVINPHOS               | Any amt  | ND         |                 | PASS      |
| ALDICARB             | Any amt  | ND         | 0.01231/0.06042 | PASS      | MEVINPHOS I             |          | ND         | 0.002/0.01877   | N/A       |
| AZOXYSTROBIN         | 0.1 µg/g | ND         | 0.0059/0.06048  | PASS      | MEVINPHOS II            |          | ND         | 0.00532/0.04177 | N/A       |
| BIFENAZATE           | 0.1 µg/g | ND         | 0.00876/0.0603  | PASS      | MYCLOBUTANIL            | 0.1 µg/g | ND         | 0.00604/0.0603  | PASS      |
| BIFENTHRIN           | 3 µg/g   | ND         | 0.00958/0.06    | PASS      | NALED                   | 0.1 µg/g | ND         | 0.00848/0.05994 | PASS      |
| BOSCALID             | 0.1 µg/g | ND         | 0.0171/0.0606   | PASS      | OXAMYL                  | 0.5 µg/g | ND         | 0.0052/0.06036  | PASS      |
| CARBARYL             | 0.5 µg/g | ND         | 0.0079/0.0603   | PASS      | PACLOBUTRAZOL           | Any amt  | ND         | 0.00849/0.06036 | PASS      |
| CARBOFURAN           | Any amt  | ND         | 0.00227/0.06036 | PASS      | PERMETHRIN              | 0.5 µg/g | ND         |                 | PASS      |
| CHLORANTRANIL-IPROLE | 10 µg/g  | ND         | 0.011/0.06054   | PASS      | PERMETHRIN CIS          |          | ND         | 0.0288/0.1021   | N/A       |
| CLOFENTEZINE         | 0.1 µg/g | ND         | 0.00507/0.0603  | PASS      | PERMETHRIN TRANS        |          | ND         | 0.04398/0.15589 | N/A       |
| COUMAPHOS            | Any amt  | ND         | 0.0193/0.0684   | PASS      | PHOSMET                 | 0.1 µg/g | ND         | 0.00607/0.06042 | PASS      |
| CYFLUTHRIN           | 2 µg/g   | ND         | 0.23945/0.8484  | PASS      | PIPERONYLBUTOXIDE       | 3 µg/g   | ND         | 0.00394/0.06012 | PASS      |
| CYPERMETHRIN         | 1 µg/g   | ND         | 0.07946/0.6     | PASS      | PRALLETHRIN             | 0.1 µg/g | ND         | 0.00818/0.06    | PASS      |
| DAMINOZIDE           | Any amt  | ND         | 0.00625/0.0606  | PASS      | PROPICONAZOLE           | 0.1 µg/g | ND         | 0.00485/0.0603  | PASS      |
| DIAZINON             | 0.1 µg/g | ND         | 0.00536/0.0606  | PASS      | PROPOXUR                | Any amt  | ND         | 0.0072/0.06042  | PASS      |
| DIMETHOATE           | Any amt  | ND         | 0.00621/0.0606  | PASS      | PYRETHRINS              | 0.5 µg/g | ND         |                 | PASS      |
| DIMETHOMORPH         | 2 µg/g   | ND         |                 | PASS      | PYRETHRINS PYRETHRIN I  |          | ND         | 0.02641/0.09362 | N/A       |
| DIMETHOMORPH I       |          | ND         | 0.00422/0.02545 | N/A       | PYRETHRINS PYRETHRIN II |          | ND         | 0.018/0.0638    | N/A       |
| DIMETHOMORPH II      |          | ND         | 0.00229/0.03515 | N/A       | PYRIDABEN               | 0.1 µg/g | ND         | 0.00906/0.0606  | PASS      |
| ETHOPROPHOS          | Any amt  | ND         | 0.0085/0.0606   | PASS      | SPINETORAM              | 0.1 µg/g | ND         |                 | PASS      |
| ETOENPROX            | Any amt  | ND         | 0.00539/0.06054 | PASS      | SPINETORAM J            |          | ND         | 0.00681/0.0156  | N/A       |
| ETOXAZOLE            | 0.1 µg/g | ND         | 0.00416/0.06036 | PASS      | SPINETORAM L            |          | ND         | 0.00345/0.0444  | N/A       |
| FENHEXAMID           | 0.1 µg/g | ND         | 0.01569/0.0606  | PASS      | SPINOSAD                | 0.1 µg/g | ND         |                 | PASS      |
| FENOXYCARB           | Any amt  | ND         | 0.00565/0.06048 | PASS      | SPINOSAD A              |          | ND         | 0.00558/0.04601 | N/A       |
| FENPYROXIMATE        | 0.1 µg/g | ND         | 0.00671/0.06048 | PASS      | SPINOSAD D              |          | ND         | 0.00123/0.01453 | N/A       |
| FIPRONIL             | Any amt  | ND         | 0.00911/0.0603  | PASS      | SPIROMESIFEN            | 0.1 µg/g | ND         | 0.01985/0.0708  | PASS      |
| FLONICAMID           | 0.1 µg/g | ND         | 0.00275/0.0606  | PASS      | SPIROTETRAMAT           | 0.1 µg/g | ND         | 0.00482/0.06054 | PASS      |
| FLUDIOXONIL          | 0.1 µg/g | ND         | 0.02537/0.09    | PASS      | SPIROXAMINE             | Any amt  | ND         | 0.00338/0.06018 | PASS      |
| HEXYTHIAZOX          | 0.1 µg/g | ND         | 0.00585/0.0606  | PASS      | TEBUCONAZOLE            | 0.1 µg/g | ND         | 0.00726/0.0603  | PASS      |
| IMAZALIL             | Any amt  | ND         | 0.00862/0.06036 | PASS      | THIACLOPRID             | Any amt  | ND         | 0.00497/0.0603  | PASS      |
| IMIDACLOPRID         | 5 µg/g   | ND         | 0.00851/0.06036 | PASS      | THIAMETHOXAM            | 5 µg/g   | ND         | 0.00349/0.06036 | PASS      |
| KRESOXIM-METHYL      | 0.1 µg/g | ND         | 0.00871/0.06036 | PASS      | TRIFLOXYSTROBIN         | 0.1 µg/g | ND         | 0.00529/0.0603  | PASS      |
| MALATHION            | 0.5 µg/g | ND         | 0.00764/0.0606  | PASS      |                         |          |            |                 |           |

## BCL-13: PESTICIDE TESTING BY GC/MS // SEP 03, 2024

| 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         | 0.03117/0.09441 | PASS      | CHLORPYRIFOS     | Any amt | ND         | 0.01108/0.03366 | PASS      |
| CHLORDANE       | Any amt  | ND         |                 | PASS      | DICHLORVOS       | Any amt | ND         | 0.01168/0.03538 | PASS      |
| CHLORDANE CIS   |          | ND         | 0.01102/0.03343 | N/A       | METHYL PARATHION | Any amt | ND         | 0.01339/0.0406  | PASS      |
| CHLORDANE TRANS |          | ND         | 0.01055/0.03188 | N/A       |                  |         |            |                 |           |



# REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.02377/0.07195 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.01393/0.04226 PASS

## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // AUG 29, 2024

| ANALYTE            | LIMIT AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL              |
|--------------------|------------------|----------------|------------------------|
| 1,2-DICHLOROETHANE | 1 µg/g           | ND             | 0.165/0.57559 PASS     |
| ACETONE            | 5000 µg/g        | ND             | 18.57252/57.55948 PASS |
| ACETONITRILE       | 410 µg/g         | ND             | 16.4812/57.55948 PASS  |
| BENZENE            | 1 µg/g           | ND             | 0.07291/0.57559 PASS   |
| BUTANE             | 5000 µg/g        | ND             | 17.37913/57.55948 PASS |
| CHLOROFORM         | 1 µg/g           | ND             | 0.16884/0.57559 PASS   |
| ETHANOL            | 5000 µg/g        | ND             | 14.24789/57.55948 PASS |
| ETHYL ACETATE      | 5000 µg/g        | ND             | 17.59401/57.55948 PASS |
| ETHYLENE OXIDE     | 1 µg/g           | ND             | 0.18419/0.57559 PASS   |
| ETHYL ETHER        | 5000 µg/g        | ND             | 15.49885/57.55948 PASS |
| HEPTANE            | 5000 µg/g        | ND             | 13.56101/57.55948 PASS |
| HEXANE             | 290 µg/g         | ND             | 20.87874/95.93246 PASS |
| ISOPROPYL ALCOHOL  | 5000 µg/g        | < LOQ          | 14.38987/57.55948 PASS |
| METHANOL           | 3000 µg/g        | ND             | 12.90483/57.55948 PASS |
| METHYLENE CHLORIDE | 1 µg/g           | ND             | 0.14582/0.57559 PASS   |
| PENTANE            | 5000 µg/g        | ND             | 31.73446/95.93246 PASS |
| PROPANE            | 5000 µg/g        | ND             | 16.39678/57.55948 PASS |
| TOLUENE            | 890 µg/g         | ND             | 9.05986/57.55948 PASS  |
| TRICHLOROETHYLENE  | 1 µg/g           | ND             | 0.07675/0.57559 PASS   |
| O-XYLENE           |                  | ND             | 4.2901/28.77974 N/A    |
| P- AND M-XYLENE    |                  | ND             | 3.97544/28.77974 N/A   |
| TOTAL XYLENES      | 2170 µg/g        | ND             | PASS                   |

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 27, 2024

| 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-06: MICROBIOLOGICAL ANALYSIS BY QPCR // AUG 28, 2024

| ANALYTE                       | LIMIT AMT (CFU/g) | 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   |
| SALMONELLA SPP.               | Any amt in 1 gram | ND PASS   |
| SHIGA TOXIN-PRODUCING E. COLI | Any amt in 1 gram | ND PASS   |

## BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // SEP 01, 2024

| ANALYTE      | LIMIT    | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|----------|-------------|-----------------|-----------|
| AFLATOXIN B1 |          | ND          | 1.19/4.22       | N/A       |
| AFLATOXIN B2 |          | ND          | 1.45/5.12       | N/A       |
| AFLATOXIN G1 |          | ND          | 1.58/5.6        | N/A       |
| AFLATOXIN G2 |          | ND          | 0.63/3          | N/A       |
| AFLATOXINS   | 20 µg/kg | ND          |                 | PASS      |
| OCHRATOXIN A | 20 µg/kg | ND          | 0.63/6          | PASS      |

## BCL-020: HEAVY METAL TESTING BY ICP-MS // AUG 27, 2024

| ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|---------|----------|------------|----------------|-----------|
| ARSENIC | 0.2 µg/g | ND         | 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-02: MOISTURE CONTENT BY GRAVIMETRY // AUG 28, 2024

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 7.60    | N/A       |

## BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // AUG 27, 2024

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.54     | PASS      |



ACCREDITATIONS



A2LA ACCREDITED

BCL-02: MOISTURE CONTENT BY GRAVIMETRY

BCL-020: HEAVY METAL TESTING BY ICP-MS

BCL-05: MYCOTOXIN TESTING BY LC-MS/MS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

BCL-09: TERPENOID TESTING BY HS-GC/FID

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM

BCL-13: PESTICIDE TESTING BY GC/MS

BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

