

## CERTIFICATE OF ANALYSIS

PRODUCED: SEP 29, 2024

SAMPLE: COCOA CREAM X R\*NTZ (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



**BATCH NO.:** GHFOXR1010919PR  
**METRC UID:** 1A4060300036B66000011530  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-240925-057  
**COLLECTED ON:** SEP 25, 2024  
**RECEIVED ON:** SEP 25, 2024  
**BATCH/SAMPLE SIZE:** 1110 UNITS / 12 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

|                                    |            |
|------------------------------------|------------|
| TOTAL THC:                         | 22.7227 %  |
| TOTAL CBD:                         | 0.07064 %  |
| TOTAL CANNABINOIDS <sup>††</sup> : | 23.55660 % |
| SUM OF CANNABINOIDS <sup>†</sup> : | 26.7165 %  |

### 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  
 ADULT-USE - DISTRIBUTOR LICENSE



### BCL-28: DETERMINATION OF CANNABINOIDS CONCENTRATION BY HPLC FOR DRIED FLOWER INCLUDING NON-INFUSED PRE-ROLLS // SEP 27, 2024

| ANALYTE                 | AMT        | AMT           | LOD/LOQ (mg/g)  | PASS/FAIL |
|-------------------------|------------|---------------|-----------------|-----------|
| CBC                     | 0.05806 %  | 0.5806 mg/g   | 0.0044/0.09995  | N/A       |
| CBCA                    | 0.17440 %  | 1.7440 mg/g   | 0.01259/0.09995 | N/A       |
| CBD                     | ND         | ND            | 0.0062/0.09995  | N/A       |
| CBDA                    | 0.08055 %  | 0.8055 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                     | 0.07629 %  | 0.7629 mg/g   | 0.0058/0.09995  | N/A       |
| CBGA                    | 0.33458 %  | 3.3458 mg/g   | 0.004/0.09995   | N/A       |
| CBN                     | < LOQ      | < LOQ         | 0.0032/0.09995  | N/A       |
| Δ <sup>8</sup> -THC     | ND         | ND            | 0.01159/0.09995 | N/A       |
| Δ <sup>9</sup> -THC     | 0.89194 %  | 8.9194 mg/g   | 0.0084/0.09995  | N/A       |
| THCA                    | 24.89254 % | 248.9254 mg/g | 0.11994/1.999   | N/A       |
| THCV                    | < LOQ      | < LOQ         | 0.0066/0.09995  | N/A       |
| THCVA                   | 0.20814 %  | 2.0814 mg/g   | 0.0046/0.09995  | N/A       |
| TOT THC**               | 22.72270 % | 227.2270 mg/g |                 | N/A       |
| TOT CBD**               | 0.07064 %  | 0.7064 mg/g   |                 | N/A       |
| CBD/PKG                 | ND         |               |                 | N/A       |
| Δ <sup>9</sup> -THC/PKG | 8.92 mg    |               |                 | N/A       |
| TOT THC/PKG**           | 227.23 mg  |               |                 | N/A       |
| TOT CBD/PKG**           | 0.71 mg    |               |                 | N/A       |

### BCL-09: TERPENOID TESTING BY HS-GC/FID // SEP 29, 2024

| ANALYTE                | AMT       | AMT          | LOD/LOQ (mg/g)  | PASS/FAIL |
|------------------------|-----------|--------------|-----------------|-----------|
| TOTAL TERPENES         | 1.13011 % | 11.3011 mg/g |                 | N/A       |
| β-CARYOPHYLLENE        | 0.33985 % | 3.3985 mg/g  | 0.00187/0.13624 | N/A       |
| LINALOOL               | 0.24459 % | 2.4459 mg/g  | 0.00036/0.13624 | N/A       |
| D-LIMONENE             | 0.21672 % | 2.1672 mg/g  | 0.00024/0.13624 | N/A       |
| α-HUMULENE             | 0.11703 % | 1.1703 mg/g  | 0.00046/0.13624 | N/A       |
| β-MYRCENE              | 0.10982 % | 1.0982 mg/g  | 0.00037/0.13624 | N/A       |
| α-BISABOLOL            | 0.04799 % | 0.4799 mg/g  | 0.00425/0.13624 | N/A       |
| β-PINENE               | 0.03706 % | 0.3706 mg/g  | 0.00221/0.13624 | N/A       |
| α-PINENE               | 0.01705 % | 0.1705 mg/g  | 0.00021/0.13624 | N/A       |
| CAMPHERE               | < LOQ     | < LOQ        | 0.00021/0.13624 | N/A       |
| α-TERPINENE            | ND        | ND           | 0.00029/0.13624 | N/A       |
| CIS-β-OCIMENE          | ND        | ND           | 0.00132/0.04223 | N/A       |
| Δ <sup>3</sup> -CARENE | ND        | ND           | 0.00045/0.13624 | N/A       |
| EUCALYPTOL             | ND        | ND           | 0.00046/0.13624 | N/A       |
| γ-TERPINENE            | ND        | ND           | 0.00046/0.13624 | N/A       |
| GERANIOL               | ND        | ND           | 0.00028/0.13624 | N/A       |
| GUAJOL                 | ND        | ND           | 0.00266/0.13624 | N/A       |
| ISOPULEGOL             | ND        | ND           | 0.00053/0.13624 | N/A       |
| P-CYME                 | ND        | ND           | 0.00027/0.13624 | N/A       |
| TERPINOLENE            | ND        | ND           | 0.00029/0.13624 | N/A       |
| TRANS-β-OCIMENE        | ND        | ND           | 0.00049/0.09401 | 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))



# 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 29, 2024

*Dzoana Klisara*



BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // SEP 28, 2024

| ANALYTE              | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|----------------------|----------|------------|-----------------|-----------|
| ABAMECTIN            | 0.1 µg/g | ND         | 0.01972/0.0696  | PASS      |
| ACEPHATE             | 0.1 µg/g | ND         | 0.00862/0.0606  | PASS      |
| ACEQUINOCYL          | 0.1 µg/g | ND         | 0.00784/0.06    | PASS      |
| ACETAMIPRID          | 0.1 µg/g | ND         | 0.00491/0.06042 | PASS      |
| ALDICARB             | Any amt  | ND         | 0.01231/0.06042 | PASS      |
| AZOXYSTROBIN         | 0.1 µg/g | ND         | 0.0059/0.06048  | PASS      |
| BIFENAZATE           | 0.1 µg/g | ND         | 0.00876/0.0603  | PASS      |
| BIFENTHRIN           | 3 µg/g   | ND         | 0.00958/0.06    | PASS      |
| BOSCALID             | 0.1 µg/g | ND         | 0.0171/0.0606   | PASS      |
| CARBARYL             | 0.5 µg/g | ND         | 0.0079/0.0603   | PASS      |
| CARBOFURAN           | Any amt  | ND         | 0.00227/0.06036 | PASS      |
| CHLORANTRANIL-IPROLE | 10 µg/g  | ND         | 0.011/0.06054   | PASS      |
| CLOFENTEZINE         | 0.1 µg/g | ND         | 0.00507/0.0603  | PASS      |
| COUMAPHOS            | Any amt  | ND         | 0.0193/0.0684   | PASS      |
| CYFLUTHRIN           | 2 µg/g   | ND         | 0.23945/0.8484  | PASS      |
| CYPERMETHRIN         | 1 µg/g   | ND         | 0.07946/0.6     | PASS      |
| DAMINOZIDE           | Any amt  | ND         | 0.00625/0.0606  | PASS      |
| DIAZINON             | 0.1 µg/g | ND         | 0.00536/0.0606  | PASS      |
| DIMETHOATE           | Any amt  | ND         | 0.00621/0.0606  | PASS      |
| DIMETHOMORPH         | 2 µg/g   | ND         |                 | PASS      |
| DIMETHOMORPH I       |          | ND         | 0.00422/0.02545 | N/A       |
| DIMETHOMORPH II      |          | ND         | 0.00229/0.03515 | N/A       |
| ETHOPROPHOS          | Any amt  | ND         | 0.0085/0.0606   | PASS      |
| ETOFPENPROX          | Any amt  | ND         | 0.00539/0.06054 | PASS      |
| ETOXAZOLE            | 0.1 µg/g | ND         | 0.00416/0.06036 | PASS      |
| FENHEXAMID           | 0.1 µg/g | ND         | 0.01569/0.0606  | PASS      |
| FENOXYCARB           | Any amt  | ND         | 0.00565/0.06048 | PASS      |
| FENPYROXIMATE        | 0.1 µg/g | ND         | 0.00671/0.06048 | PASS      |
| FIPRONIL             | Any amt  | ND         | 0.00911/0.0603  | PASS      |
| FLONICAMID           | 0.1 µg/g | ND         | 0.00275/0.0606  | PASS      |
| FLUDIOXONIL          | 0.1 µg/g | ND         | 0.02537/0.09    | PASS      |
| HEXYTHIAZOX          | 0.1 µg/g | ND         | 0.00585/0.0606  | PASS      |
| IMAZALIL             | Any amt  | ND         | 0.00862/0.06036 | PASS      |
| IMIDACLOPRID         | 5 µg/g   | ND         | 0.00851/0.06036 | PASS      |
| KRESOXIM-METHYL      | 0.1 µg/g | ND         | 0.00871/0.06036 | PASS      |
| MALATHION            | 0.5 µg/g | ND         | 0.00764/0.0606  | PASS      |
| METALAXYL            | 2 µg/g   | ND         | 0.00379/0.06054 | PASS      |
| METHIOCARB           | Any amt  | ND         | 0.01182/0.06042 | PASS      |

| ANALYTE                 | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|-------------------------|----------|------------|-----------------|-----------|
| METHOMYL                | 1 µg/g   | ND         | 0.00504/0.06042 | PASS      |
| MEVINPHOS               | Any amt  | ND         |                 | PASS      |
| MEVINPHOS I             |          | ND         | 0.002/0.01877   | N/A       |
| MEVINPHOS II            |          | ND         | 0.00532/0.04177 | N/A       |
| MYCLOBUTANIL            | 0.1 µg/g | ND         | 0.00604/0.0603  | PASS      |
| NALED                   | 0.1 µg/g | ND         | 0.00848/0.05994 | PASS      |
| OXAMYL                  | 0.5 µg/g | ND         | 0.0052/0.06036  | PASS      |
| PACLOBUTRAZOL           | Any amt  | ND         | 0.00849/0.06036 | PASS      |
| PERMETHRIN              | 0.5 µg/g | ND         |                 | PASS      |
| PERMETHRIN CIS          |          | ND         | 0.0288/0.1021   | N/A       |
| PERMETHRIN TRANS        |          | ND         | 0.04398/0.15589 | N/A       |
| PHOSMET                 | 0.1 µg/g | ND         | 0.00607/0.06042 | PASS      |
| PIPERONYLBUTOXIDE       | 3 µg/g   | ND         | 0.00394/0.06012 | PASS      |
| PRALLETHRIN             | 0.1 µg/g | ND         | 0.00818/0.06    | PASS      |
| PROPICONAZOLE           | 0.1 µg/g | ND         | 0.00485/0.0603  | PASS      |
| PROPOXUR                | Any amt  | ND         | 0.0072/0.06042  | PASS      |
| PYRETHRINS              | 0.5 µg/g | ND         |                 | PASS      |
| PYRETHRINS CINERIN I    |          | ND         | 0.00693/0.02457 | N/A       |
| PYRETHRINS CINERIN II   |          | ND         | 0.00424/0.01502 | N/A       |
| PYRETHRINS JASMOLIN I   |          | ND         | 0.0017/0.01812  | N/A       |
| PYRETHRINS JASMOLIN II  |          | ND         | 0.00496/0.01812 | N/A       |
| PYRETHRINS PYRETHRIN I  |          | ND         | 0.02641/0.09362 | N/A       |
| PYRETHRINS PYRETHRIN II |          | ND         | 0.018/0.0638    | N/A       |
| PYRIDABEN               | 0.1 µg/g | ND         | 0.00906/0.0606  | PASS      |
| SPINETORAM              | 0.1 µg/g | ND         |                 | PASS      |
| SPINETORAM J            |          | ND         | 0.00681/0.0156  | N/A       |
| SPINETORAM L            |          | ND         | 0.00345/0.0444  | N/A       |
| SPINOSAD                | 0.1 µg/g | ND         |                 | PASS      |
| SPINOSAD A              |          | ND         | 0.00558/0.04601 | N/A       |
| SPINOSAD D              |          | ND         | 0.00123/0.01453 | N/A       |
| SPIROMESIFEN            | 0.1 µg/g | ND         | 0.01985/0.0708  | PASS      |
| SPIROTETRAMAT           | 0.1 µg/g | ND         | 0.00482/0.06054 | PASS      |
| SPIROXAMINE             | Any amt  | ND         | 0.00338/0.06018 | PASS      |
| TEBUCONAZOLE            | 0.1 µg/g | ND         | 0.00726/0.0603  | PASS      |
| THIACLOPRID             | Any amt  | ND         | 0.00497/0.0603  | PASS      |
| THIAMETHOXAM            | 5 µg/g   | ND         | 0.00349/0.06036 | PASS      |
| TRIFLOXYSTROBIN         | 0.1 µg/g | ND         | 0.00529/0.0603  | PASS      |

BCL-13: PESTICIDE TESTING BY GC/MS // SEP 29, 2024

| ANALYTE   | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|-----------|----------|------------|-----------------|-----------|
| CAPTAN    | 0.7 µg/g | ND         | 0.03109/0.09417 | PASS      |
| CHLORDANE | Any amt  | ND         |                 | PASS      |

| ANALYTE      | LIMIT   | AMT (µg/g) | LOD/LOQ (µg/g)  | PASS/FAIL |
|--------------|---------|------------|-----------------|-----------|
| CHLORPYRIFOS | Any amt | ND         | 0.01105/0.03358 | PASS      |
| DICHLORVOS   | Any amt | ND         | 0.01165/0.03529 | PASS      |



# REGULATORY COMPLIANCE TESTING

|                 |         |                |      |
|-----------------|---------|----------------|------|
| CHLORDANE CIS   | ND      | 0.011/0.03334  | N/A  |
| CHLORDANE TRANS | ND      | 0.01052/0.0318 | N/A  |
| CHLORFENAPYR    | Any amt | ND             | PASS |

|                          |          |    |                 |      |
|--------------------------|----------|----|-----------------|------|
| METHYL PARATHION         | Any amt  | ND | 0.01336/0.04049 | PASS |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND | 0.01389/0.04215 | PASS |

## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // SEP 27, 2024

| ANALYTE            | LIMIT     | AMT (µg/g) | LOD/LOQ (µg/g)    | PASS/FAIL |
|--------------------|-----------|------------|-------------------|-----------|
| 1,2-DICHLOROETHANE | 1 µg/g    | ND         | 0.17084/0.59595   | PASS      |
| ACETONE            | 5000 µg/g | ND         | 19.22924/59.59476 | PASS      |
| ACETONITRILE       | 410 µg/g  | ND         | 17.06397/59.59476 | PASS      |
| BENZENE            | 1 µg/g    | ND         | 0.07549/0.59595   | PASS      |
| BUTANE             | 5000 µg/g | ND         | 17.99364/59.59476 | PASS      |
| CHLOROFORM         | 1 µg/g    | ND         | 0.17481/0.59595   | PASS      |
| ETHANOL            | 5000 µg/g | ND         | 14.75169/59.59476 | PASS      |
| ETHYL ACETATE      | 5000 µg/g | ND         | 18.21613/59.59476 | PASS      |
| ETHYLENE OXIDE     | 1 µg/g    | ND         | 0.1907/0.59595    | PASS      |
| ETHYL ETHER        | 5000 µg/g | ND         | 16.04688/59.59476 | PASS      |
| HEPTANE            | 5000 µg/g | ND         | 14.04052/59.59476 | PASS      |
| HEXANE             | 290 µg/g  | ND         | 21.617/99.32459   | PASS      |
| ISOPROPYL ALCOHOL  | 5000 µg/g | < LOQ      | 14.89869/59.59476 | PASS      |
| METHANOL           | 3000 µg/g | ND         | 13.36114/59.59476 | PASS      |
| METHYLENE CHLORIDE | 1 µg/g    | ND         | 0.15097/0.59595   | PASS      |
| PENTANE            | 5000 µg/g | ND         | 32.85658/99.32459 | PASS      |
| PROPANE            | 5000 µg/g | ND         | 16.97656/59.59476 | PASS      |
| TOLUENE            | 890 µg/g  | ND         | 9.38021/59.59476  | PASS      |
| TRICHLOROETHYLENE  | 1 µg/g    | ND         | 0.07946/0.59595   | PASS      |
| O-XYLENE           |           | ND         | 4.4418/29.79738   | N/A       |
| P- AND M-XYLENE    |           | ND         | 4.11601/29.79738  | N/A       |
| TOTAL XYLENES      | 2170 µg/g | ND         |                   | PASS      |

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // SEP 26, 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 // SEP 27, 2024

| 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      |
| 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 28, 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 // SEP 27, 2024

| 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-02: MOISTURE CONTENT BY GRAVIMETRY // SEP 26, 2024

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 9.70    | N/A       |

## BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // SEP 26, 2024

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.56     | 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

