

# CERTIFICATE OF ANALYSIS

PRODUCED: FEB 23, 2024

SAMPLE: SOUR DIESEL (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: **PASS**  
NON-INFUSED PRE ROLL

BATCH NO.: GHFSOD0214PR  
METRC UID: 1A406030003DC49000098929  
MATRIX: PRE-ROLL  
CATEGORY: INHALABLE  
SAMPLE ID: BCL-240221-071  
COLLECTED ON: FEB 21, 2024  
RECEIVED ON: FEB 21, 2024  
BATCH/SAMPLE SIZE: 925 UNITS / 12 UNITS  
PACKAGE SIZE: 1 G

## CANNABINOID OVERVIEW

|                                    |            |
|------------------------------------|------------|
| TOTAL THC:                         | 23.05537 % |
| TOTAL CBD:                         | 0.10121 %  |
| TOTAL CANNABINOIDS <sup>††</sup> : | 23.31779 % |
| SUM OF CANNABINOIDS <sup>†</sup> : | 26.45982 % |

## CULTIVATOR INFO

**CULTIVATOR**  
GLASS HOUSE CAMARILLO  
CULTIVATION LLC  
645 LAGUNA ROAD  
CAMARILLO, CA 93012  
  
**LICENSE**  
CCL21-0005102  
ADULT-USE - CULTIVATOR 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 // FEB 23, 2024

| ANALYTE                 | AMT        | AMT           | LOD/LOQ (mg/g)  | PASS/FAIL |
|-------------------------|------------|---------------|-----------------|-----------|
| CBC                     | 0.04927 %  | 0.4927 mg/g   | 0.0044/0.09995  | N/A       |
| CBD                     | ND         | ND            | 0.0062/0.09995  | N/A       |
| CBDA                    | 0.11541 %  | 1.1541 mg/g   | 0.0032/0.09995  | N/A       |
| CBG                     | 0.11194 %  | 1.1194 mg/g   | 0.0058/0.09995  | 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     | 0.75368 %  | 7.5368 mg/g   | 0.0084/0.09995  | N/A       |
| THCA                    | 25.42952 % | 254.2952 mg/g | 0.11994/1.999   | N/A       |
| THCV                    | ND         | ND            | 0.0066/0.09995  | N/A       |
| TOT THC**               | 23.05537 % | 230.5537 mg/g | N/A             | N/A       |
| TOT CBD**               | 0.10121 %  | 1.0121 mg/g   | N/A             | N/A       |
| CBD/PKG                 | ND         | N/A           | N/A             | N/A       |
| Δ <sup>9</sup> -THC/PKG | 7.54 mg    | N/A           | N/A             | N/A       |
| TOT THC/PKG**           | 230.55 mg  | N/A           | N/A             | N/A       |
| TOT CBD/PKG**           | 1.01 mg    | N/A           | N/A             | 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 + CBD + CBDA + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV

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

## BCL-09: TERPENOID TESTING BY HS-GC/FID // FEB 23, 2024

| ANALYTE                | AMT       | AMT         | LOD/LOQ (mg/g)  | PASS/FAIL |
|------------------------|-----------|-------------|-----------------|-----------|
| TOTAL TERPENES         | 0.98543 % | 9.8543 mg/g |                 | N/A       |
| β-CARYOPHYLLENE        | 0.29941 % | 2.9941 mg/g | 0.00187/0.13611 | N/A       |
| D-LIMONENE             | 0.24988 % | 2.4988 mg/g | 0.00024/0.13611 | N/A       |
| α-HUMULENE             | 0.14994 % | 1.4994 mg/g | 0.00046/0.13611 | N/A       |
| LINALOOL               | 0.10569 % | 1.0569 mg/g | 0.00036/0.13611 | N/A       |
| β-MYRCENE              | 0.09140 % | 0.9140 mg/g | 0.00037/0.13611 | N/A       |
| α-BISABOLOL            | 0.03799 % | 0.3799 mg/g | 0.00424/0.13611 | N/A       |
| β-PINENE               | 0.03560 % | 0.3560 mg/g | 0.0022/0.13611  | N/A       |
| α-PINENE               | 0.01552 % | 0.1552 mg/g | 0.00021/0.13611 | N/A       |
| CAMPHERE               | < LOQ     | < LOQ       | 0.00021/0.13611 | N/A       |
| GERANIOL               | < LOQ     | < LOQ       | 0.00028/0.13611 | N/A       |
| TERPINOLENE            | < LOQ     | < LOQ       | 0.00029/0.13611 | N/A       |
| α-TERPINENE            | ND        | ND          | 0.00029/0.13611 | N/A       |
| CIS-β-OCIMENE          | ND        | ND          | 0.00131/0.04219 | N/A       |
| Δ <sup>3</sup> -CARENE | ND        | ND          | 0.00045/0.13611 | N/A       |
| EUCALYPTOL             | ND        | ND          | 0.00046/0.13611 | N/A       |
| γ-TERPINENE            | ND        | ND          | 0.00046/0.13611 | N/A       |
| GUAIOL                 | ND        | ND          | 0.00266/0.13611 | N/A       |
| ISOPULEGOL             | ND        | ND          | 0.00053/0.13611 | N/A       |
| P-CYME                 | ND        | ND          | 0.00027/0.13611 | N/A       |
| TRANS-β-OCIMENE        | ND        | ND          | 0.00049/0.09391 | N/A       |



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  
FEB 23, 2024

*Dzoana Klisara*

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // FEB 23, 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         | 0.0244/0.07393  | PASS      | METALAXYL               | 2 µg/g   | ND         | 0.0058/0.01757  | PASS      |
| ACEPHATE             | 0.1 µg/g | ND         | 0.01224/0.0371  | PASS      | METHIOCARB              | Any amt  | ND         | 0.00885/0.02681 | PASS      |
| ACEQUINOCYL          | 0.1 µg/g | ND         | 0.01993/0.06038 | PASS      | METHOMYL                | 1 µg/g   | ND         | 0.00837/0.02537 | PASS      |
| ACETAMIPRID          | 0.1 µg/g | ND         | 0.0043/0.01302  | PASS      | MEVINPHOS               | Any amt  | ND         |                 | PASS      |
| ALDICARB             | Any amt  | ND         | 0.01219/0.03693 | PASS      | MEVINPHOS I             |          | ND         | 0.001/0.00303   | N/A       |
| AZOXYSTROBIN         | 0.1 µg/g | ND         | 0.00771/0.02337 | PASS      | MEVINPHOS II            |          | ND         | 0.00529/0.01603 | N/A       |
| BIFENAZATE           | 0.1 µg/g | ND         | 0.00373/0.01131 | PASS      | MYCLOBUTANIL            | 0.1 µg/g | ND         | 0.01719/0.0521  | PASS      |
| BIFENTHRIN           | 3 µg/g   | ND         | 0.01267/0.03839 | PASS      | NALED                   | 0.1 µg/g | ND         | 0.01059/0.0321  | PASS      |
| BOSCALID             | 0.1 µg/g | ND         | 0.01406/0.04261 | PASS      | OXAMYL                  | 0.5 µg/g | ND         | 0.00617/0.01869 | PASS      |
| CARBARYL             | 0.5 µg/g | ND         | 0.00615/0.01865 | PASS      | PACLOBUTRAZOL           | Any amt  | ND         | 0.01076/0.03262 | PASS      |
| CARBOFURAN           | Any amt  | ND         | 0.00411/0.01246 | PASS      | PERMETHRIN              | 0.5 µg/g | ND         |                 | PASS      |
| CHLORANTRANIL-IPROLE | 10 µg/g  | ND         | 0.01069/0.0324  | PASS      | PERMETHRIN CIS          |          | ND         | 0.00993/0.03008 | N/A       |
| CLOFENTEZINE         | 0.1 µg/g | ND         | 0.01404/0.04256 | PASS      | PERMETHRIN TRANS        |          | ND         | 0.01265/0.03833 | N/A       |
| COUMAPHOS            | Any amt  | ND         | 0.01952/0.05914 | PASS      | PHOSMET                 | 0.1 µg/g | ND         | 0.00601/0.01822 | PASS      |
| CYFLUTHRIN           | 2 µg/g   | ND         | 0.1511/0.45788  | PASS      | PIPERONYLBUTOXIDE       | 3 µg/g   | ND         | 0.00261/0.00791 | PASS      |
| CYPERMETHRIN         | 1 µg/g   | ND         | 0.02284/0.06921 | PASS      | PRALLETHRIN             | 0.1 µg/g | ND         | 0.00989/0.02996 | PASS      |
| DAMINOZIDE           | Any amt  | ND         | 0.0237/0.07182  | PASS      | PROPICONAZOLE           | 0.1 µg/g | ND         | 0.00577/0.01747 | PASS      |
| DIAZINON             | 0.1 µg/g | ND         | 0.0027/0.00818  | PASS      | PROPOXUR                | Any amt  | ND         | 0.00593/0.01798 | PASS      |
| DIMETHOATE           | Any amt  | ND         | 0.00353/0.01069 | PASS      | PYRETHRINS              | 0.5 µg/g | ND         |                 | PASS      |
| DIMETHOMORPH         | 2 µg/g   | ND         |                 | PASS      | PYRETHRINS PYRETHRIN I  |          | ND         | 0.00435/0.01318 | N/A       |
| DIMETHOMORPH I       |          | ND         | 0.00554/0.01679 | N/A       | PYRETHRINS PYRETHRIN II |          | ND         | 0.00386/0.01169 | N/A       |
| DIMETHOMORPH II      |          | ND         | 0.00327/0.00992 | N/A       | PYRIDABEN               | 0.1 µg/g | ND         | 0.00388/0.01176 | PASS      |
| ETHOPROPHOS          | Any amt  | ND         | 0.00632/0.01914 | PASS      | SPINETORAM              | 0.1 µg/g | ND         |                 | PASS      |
| ETOENPROX            | Any amt  | ND         | 0.00604/0.01831 | PASS      | SPINETORAM J            |          | ND         | 0.00694/0.02103 | N/A       |
| ETOXAZOLE            | 0.1 µg/g | ND         | 0.00363/0.01099 | PASS      | SPINETORAM L            |          | ND         | 0.00902/0.02734 | N/A       |
| FENHEXAMID           | 0.1 µg/g | ND         | 0.01344/0.04073 | PASS      | SPINOSAD                | 0.1 µg/g | ND         |                 | PASS      |
| FENOXYCARB           | Any amt  | ND         | 0.0047/0.01423  | PASS      | SPINOSAD A              |          | ND         | 0.00799/0.02422 | N/A       |
| FENPYROXIMATE        | 0.1 µg/g | ND         | 0.00277/0.0084  | PASS      | SPINOSAD D              |          | ND         | 0.00275/0.00834 | N/A       |
| FIPRONIL             | Any amt  | ND         | 0.00678/0.02054 | PASS      | SPIROMESIFEN            | 0.1 µg/g | ND         | 0.00693/0.021   | PASS      |
| FLONICAMID           | 0.1 µg/g | ND         | 0.0046/0.01393  | PASS      | SPIROTETRAMAT           | 0.1 µg/g | ND         | 0.00537/0.01627 | PASS      |
| FLUDIOXONIL          | 0.1 µg/g | ND         | 0.03245/0.09834 | PASS      | SPIROXAMINE             | Any amt  | ND         | 0.00549/0.01663 | PASS      |
| HEXYTHIAZOX          | 0.1 µg/g | ND         | 0.00409/0.01238 | PASS      | TEBUCONAZOLE            | 0.1 µg/g | ND         | 0.00874/0.02647 | PASS      |
| IMAZALIL             | Any amt  | ND         | 0.012/0.03637   | PASS      | THIACLOPRID             | Any amt  | ND         | 0.00458/0.01389 | PASS      |
| IMIDACLOPRID         | 5 µg/g   | ND         | 0.00796/0.02411 | PASS      | THIAMETHOXAM            | 5 µg/g   | ND         | 0.00395/0.01196 | PASS      |
| KRESOXIM-METHYL      | 0.1 µg/g | ND         | 0.00989/0.02997 | PASS      | TRIFLOXYSTROBIN         | 0.1 µg/g | ND         | 0.00354/0.01072 | PASS      |
| MALATHION            | 0.5 µg/g | ND         | 0.00701/0.02124 | PASS      |                         |          |            |                 |           |

## BCL-13: PESTICIDE TESTING BY GC/MS // FEB 23, 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         | 0.03047/0.09228 | PASS      | CHLORPYRIFOS     | Any amt | ND         | 0.01083/0.0329  | PASS      |
| CHLORDANE       | Any amt  | ND         |                 | PASS      | DICHLORVOS       | Any amt | ND         | 0.01141/0.03458 | PASS      |
| CHLORDANE CIS   |          | ND         | 0.01077/0.03267 | N/A       | METHYL PARATHION | Any amt | ND         | 0.01309/0.03968 | PASS      |
| CHLORDANE TRANS |          | ND         | 0.01031/0.03116 | N/A       |                  |         |            |                 |           |



# REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.02323/0.07032 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.01361/0.0413 PASS

## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // FEB 23, 2024

| ANALYTE            | LIMIT AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL              |
|--------------------|------------------|----------------|------------------------|
| 1,2-DICHLOROETHANE | 1 µg/g           | ND             | 0.16751/0.58434 PASS   |
| ACETONE            | 5000 µg/g        | ND             | 18.85469/58.43397 PASS |
| ACETONITRILE       | 410 µg/g         | ND             | 16.73159/58.43397 PASS |
| BENZENE            | 1 µg/g           | ND             | 0.07402/0.58434 PASS   |
| BUTANE             | 5000 µg/g        | ND             | 17.64316/58.43397 PASS |
| CHLOROFORM         | 1 µg/g           | ND             | 0.17141/0.58434 PASS   |
| ETHANOL            | 5000 µg/g        | ND             | 14.46436/58.43397 PASS |
| ETHYL ACETATE      | 5000 µg/g        | ND             | 17.86132/58.43397 PASS |
| ETHYLENE OXIDE     | 1 µg/g           | ND             | 0.18699/0.58434 PASS   |
| ETHYL ETHER        | 5000 µg/g        | ND             | 15.73432/58.43397 PASS |
| HEPTANE            | 5000 µg/g        | ND             | 13.76704/58.43397 PASS |
| HEXANE             | 290 µg/g         | ND             | 21.19595/97.38995 PASS |
| ISOPROPYL ALCOHOL  | 5000 µg/g        | < LOQ          | 14.60849/58.43397 PASS |
| METHANOL           | 3000 µg/g        | ND             | 13.1009/58.43397 PASS  |
| METHYLENE CHLORIDE | 1 µg/g           | ND             | 0.14803/0.58434 PASS   |
| PENTANE            | 5000 µg/g        | ND             | 32.2166/97.38995 PASS  |
| PROPANE            | 5000 µg/g        | ND             | 16.64589/58.43397 PASS |
| TOLUENE            | 890 µg/g         | ND             | 9.19751/58.43397 PASS  |
| TRICHLOROETHYLENE  | 1 µg/g           | ND             | 0.07791/0.58434 PASS   |
| O-XYLENE           |                  | ND             | 4.35528/29.21698 N/A   |
| P- AND M-XYLENE    |                  | ND             | 4.03584/29.21698 N/A   |
| TOTAL XYLENES      | 2170 µg/g        | ND             | PASS                   |

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // FEB 22, 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 // FEB 23, 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 // FEB 23, 2024

| ANALYTE      | LIMIT    | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|----------|-------------|-----------------|-----------|
| AFLATOXIN B1 |          | ND          | 1.97/5.96       | N/A       |
| AFLATOXIN B2 |          | ND          | 1.32/3.99       | N/A       |
| AFLATOXIN G1 |          | ND          | 1.6/4.86        | N/A       |
| AFLATOXIN G2 |          | ND          | 1.46/4.44       | N/A       |
| AFLATOXINS   | 20 µg/kg | ND          |                 | PASS      |
| OCHRATOXIN A | 20 µg/kg | ND          | 1.35/4.08       | PASS      |

## BCL-020: HEAVY METAL TESTING BY ICP-MS // FEB 22, 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 | 0.080      | 0.0003/0.05    | PASS      |
| MERCURY | 0.1 µg/g | < LOQ      | 0.0001/0.01    | PASS      |

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // FEB 22, 2024

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 10.50   | N/A       |

## BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // FEB 22, 2024

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.58     | 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

