

Genesis Biocenticals, LLC

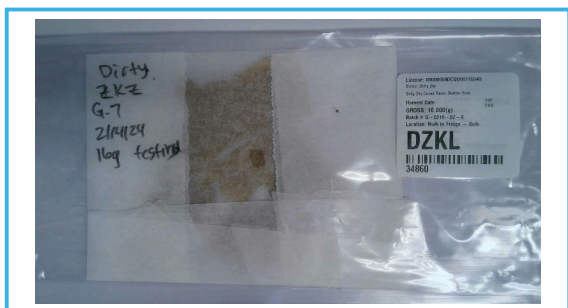
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(847) 682-4899
Lic. #00000058DCQU00115543
Harvest Dates: 12/27/2023

Sample: 2402TLL0062.0343

Strain: Dirty Zkz
Parent Batch #: ; Batch#: G-0219-DZ-S; Batch Size: g
Sample Received: 02/20/2024; Report Created: 02/27/2024; Expires: 02/27/2025
Manufacturing Date: 02/19/2024
Sampling: ; Environment:

Dirty Zkz Shatter

Concentrates & Extracts, Shatter, Extraction Method: Butane
Dispensary License #: ; Manufacturing License #: ; Cultivation License #:



Safety

| | | |
|---------------------------|---------------------------|-------------------------------------|
| Pass Pesticides | Pass Microbials | Pass Mycotoxins |
| Pass Solvents | Pass Metals | Not Tested Foreign Matter |

Cannabinoids

TPL_Potency_01

| | | |
|----------------------------|-----------------------------|---|
| 78.87% Total THC | <LOQ Total CBD | 92.28% Total Cannabinoids Q3 |
|----------------------------|-----------------------------|---|

| Analyte | LOQ | Mass | Mass | Qualifier |
|--------------|------|--------------|--------------|-----------|
| | % | % | mg/g | |
| THCa | 0.10 | 86.83 | 868.3 | |
| Δ9-THC | 0.10 | 2.72 | 27.2 | |
| Δ8-THC | 0.10 | ND | ND | |
| THCV | 0.10 | ND | ND | |
| CBDa | 0.10 | <LOQ | <LOQ | |
| CBD | 0.10 | ND | ND | |
| CBDV | 0.10 | ND | ND | |
| CBN | 0.10 | ND | ND | |
| CBGa | 0.10 | 2.73 | 27.3 | |
| CBG | 0.10 | <LOQ | <LOQ | |
| CBC | 0.10 | ND | ND | |
| Total | | 92.28 | 922.8 | |

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD
Instrument: HPLC-DAD: ; Method: TPL_Potency_01

Terpenes

TPL_Terpenes_01

| | | |
|----------|--------------|------------|
| Hops | Cinnamon | Orange |
|----------|--------------|------------|

| Analyte | LOQ | Mass | Mass | Qualifier |
|---------------------|-----|---------------|---------------|-----------|
| | % | % | mg/g | |
| α-Humulene | | 2.1190 | 21.190 | Q3 |
| β-Caryophyllene | | 1.7820 | 17.820 | Q3 |
| trans-Nerolidol | | 1.1970 | 11.970 | Q3 |
| Linalool | | 0.5340 | 5.340 | Q3 |
| δ-Limonene | | 0.4580 | 4.580 | Q3 |
| β-Myrcene | | 0.2170 | 2.170 | Q3 |
| β-Pinene | | 0.2140 | 2.140 | Q3 |
| Ocimene | | 0.2050 | 2.050 | Q3 |
| α-Bisabolol | | 0.1690 | 1.690 | Q3 |
| Terpinolene | | 0.1510 | 1.510 | Q3 |
| γ-Terpinene | | 0.1340 | 1.340 | Q3 |
| Caryophyllene Oxide | | 0.1100 | 1.100 | Q3 |
| α-Pinene | | 0.0610 | 0.610 | Q3 |
| Camphene | | 0.0210 | 0.210 | Q3 |
| 3-Carene | | < | < | Q3 |
| α-Terpinene | | < | < | Q3 |
| cis-Nerolidol | | < | < | Q3 |
| Eucalyptol | | < | < | Q3 |
| Geraniol | | < | < | Q3 |
| Guaiol | | < | < | Q3 |
| Isopulegol | | < | < | Q3 |
| p-Cymene | | < | < | Q3 |
| Total | | 7.3720 | 73.720 | |

Instrument: GCMS; Method: TPL_Terp_01
Notes:

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Pesticides TPL_Pesticides_01

Pass

| Analyte | LOQ | Limit | Mass | Status | Qualifier | Analyte | LOQ | Limit | Mass | Status | Qualifier |
|---------------------|------|-------|------|--------|-----------|--------------------|------|-------|------|--------|-----------|
| | PPM | PPM | PPM | | | | PPM | PPM | PPM | | |
| Abamectin | 0.24 | 0.50 | ND | Pass | M1 V1 L1 | Hexythiazox | 0.48 | 1.00 | ND | Pass | L1 |
| Acephate | 0.19 | 0.40 | ND | Pass | | Imazalil | 0.10 | 0.20 | ND | Pass | |
| Acetamiprid | 0.10 | 0.20 | ND | Pass | | Imidacloprid | 0.19 | 0.40 | ND | Pass | |
| Aldicarb | 0.19 | 0.40 | ND | Pass | | Kresoxim | 0.19 | 0.40 | ND | Pass | |
| Azoxystrobin | 0.10 | 0.20 | ND | Pass | | Methyl | | | | | |
| Bifenazate | 0.10 | 0.20 | ND | Pass | M1 V1 L1 | Malathion | 0.10 | 0.20 | ND | Pass | |
| Bifenthrin | 0.10 | 0.20 | ND | Pass | V1 L1 | Metalaxyl | 0.10 | 0.20 | ND | Pass | |
| Boscalid | 0.19 | 0.40 | ND | Pass | | Methiocarb | 0.10 | 0.20 | ND | Pass | |
| Carbaryl | 0.10 | 0.20 | ND | Pass | | Methomyl | 0.19 | 0.40 | ND | Pass | |
| Carbofuran | 0.10 | 0.20 | ND | Pass | | Myclobutanil | 0.10 | 0.20 | ND | Pass | |
| Chlorantraniliprole | 0.10 | 0.20 | ND | Pass | | Naled | 0.24 | 0.50 | ND | Pass | |
| Chlorfenapyr | 0.48 | 1.00 | ND | Pass | M1 | Oxamyl | 0.48 | 1.00 | ND | Pass | |
| Chlorpyrifos | 0.10 | 0.20 | ND | Pass | | Paclbutrazol | 0.19 | 0.40 | ND | Pass | |
| Clofentezine | 0.10 | 0.20 | ND | Pass | | Permethrin | 0.10 | 0.20 | ND | Pass | V1 L1 |
| Cyfluthrin | 0.48 | 1.00 | ND | Pass | M1 V1 L1 | Phosmet | 0.10 | 0.20 | ND | Pass | |
| Cypermethrin | 0.48 | 1.00 | ND | Pass | M1 V1 L1 | Piperonyl Butoxide | 0.96 | 2.00 | 1.71 | Pass | |
| Daminozide | 0.48 | 1.00 | ND | Pass | L1 | Prallethrin | 0.10 | 0.20 | ND | Pass | M1 V1 L1 |
| Diazinon | 0.10 | 0.20 | ND | Pass | | Propiconazole | 0.19 | 0.40 | ND | Pass | M1 |
| Dichlorvos | 0.05 | 0.10 | ND | Pass | M2 | Propoxur | 0.10 | 0.20 | ND | Pass | |
| Dimethoate | 0.10 | 0.20 | ND | Pass | | Pyrethrins | 0.48 | 1.00 | ND | Pass | M1 L1 |
| Ethoprophos | 0.10 | 0.20 | ND | Pass | | Pyridaben | 0.10 | 0.20 | ND | Pass | |
| Etofenprox | 0.19 | 0.40 | ND | Pass | V1 | Spinosad | 0.10 | 0.20 | ND | Pass | |
| Etoxazole | 0.10 | 0.20 | ND | Pass | | Spiromesifen | 0.10 | 0.20 | ND | Pass | |
| Fenoxycarb | 0.10 | 0.20 | ND | Pass | | Spirotetramat | 0.10 | 0.20 | ND | Pass | M1 |
| Fenpyroximate | 0.19 | 0.40 | ND | Pass | | Spiroxamine | 0.19 | 0.40 | ND | Pass | |
| Fipronil | 0.19 | 0.40 | ND | Pass | | Tebuconazole | 0.19 | 0.40 | ND | Pass | |
| Flonicamid | 0.48 | 1.00 | ND | Pass | | Thiacloprid | 0.10 | 0.20 | ND | Pass | |
| Fludioxonil | 0.19 | 0.40 | ND | Pass | V1 | Thiamethoxam | 0.10 | 0.20 | ND | Pass | |
| | | | | | | Trifloxystrobin | 0.10 | 0.20 | ND | Pass | |

Instrument: LC-QQ ; Method: TPL_Pesticides_01

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Heavy Metals Pass

| Analyte | LOQ | Limit | Mass | Status | Qualifier |
|---------|-------|--------|------|--------|-----------|
| | PPB | PPB | PPB | | |
| Arsenic | 200.0 | 400.0 | ND | Pass | |
| Cadmium | 200.0 | 400.0 | <LOQ | Pass | |
| Lead | 500.0 | 1000.0 | <LOQ | Pass | |
| Mercury | 100.0 | 200.0 | <LOQ | Pass | |

Instrument: ICPMS; Method: AOAC 2021.03

Residual Solvents Pass

| Analyte | LOQ | Limit | Mass | Status | Qualifier |
|-------------------|-------|--------|---------|--------|-----------|
| | PPM | PPM | PPM | | |
| Acetone | 196.0 | 1000.0 | ND | Pass | |
| Acetonitrile | 81.0 | 410.0 | ND | Pass | |
| Benzene | 0.4 | 2.0 | ND | Pass | |
| Butanes | 491.0 | 5000.0 | 1749.00 | Pass | |
| Chloroform | 12.0 | 60.0 | ND | Pass | |
| Dichloromethane | 118.0 | 600.0 | ND | Pass | |
| Ethanol | 982.0 | 5000.0 | ND | Pass | |
| Ethyl-Acetate | 982.0 | 5000.0 | ND | Pass | |
| Ethyl-Ether | 982.0 | 5000.0 | ND | Pass | |
| Heptane | 982.0 | 5000.0 | ND | Pass | |
| Hexanes | 142.0 | 290.0 | ND | Pass | |
| Isopropyl-Acetate | 982.0 | 5000.0 | ND | Pass | |
| Methanol | 589.0 | 3000.0 | ND | Pass | |
| Pentanes | 982.0 | 5000.0 | ND | Pass | |
| 2-Propanol | 982.0 | 5000.0 | ND | Pass | |
| Toluene | 175.0 | 890.0 | ND | Pass | |
| Xylenes | 853.0 | 2170.0 | ND | Pass | |

Instrument: HS-GCMS

Microbials Pass

| Analyte | LOQ | Limit | Result | Status | Qualifier |
|---------|-------|-------|--------|--------|-----------|
| | CFU/g | CFU/g | CFU/g | | |
| E. Coli | 10 | 100 | <10 | Pass | |

| Analyte | Limit | Result | Status | Qualifier |
|-----------------------|------------------|--------------|--------|-----------|
| Salmonella | Detectable in 1g | Not Detected | Pass | |
| Aspergillus | Detectable in 1g | Not Detected | Pass | |
| Aspergillus fumigatus | Detectable in 1g | Not Detected | Pass | |
| Aspergillus niger | Detectable in 1g | Not Detected | Pass | |
| Aspergillus flavus | Detectable in 1g | Not Detected | Pass | |
| Aspergillus terreus | Detectable in 1g | Not Detected | Pass | |

Instrument: qPCR/Plating; AOAC Methods 082102, 022202 and 2018.13

Mycotoxins Pass

| Analyte | LOQ | Limit | Mass | Status | Qualifier |
|------------------|-----|-------|------|--------|-------------|
| | PPB | PPB | PPB | | |
| B1 | 8.1 | 20.0 | ND | Pass | |
| B2 | 8.1 | 20.0 | ND | Pass | |
| G1 | 8.1 | 20.0 | ND | Pass | V1 |
| G2 | 8.1 | 20.0 | ND | Pass | L1 M1 V1 |
| Ochratoxin A | 8.1 | 20.0 | ND | Pass | L1 M1 V1 |
| Total Aflatoxins | 8.1 | 20.0 | ND | Pass | L1 M1 V1 |

B1 = Target analyte detected in calibration blank was above LOQ but the concentration of cannabinoid was below LOQ,

B2 = Target analyte detected in calibration blank was above LOQ but was below the maximum allowable concentration.

D1 = The limit of quantitation and the sample results were adjusted to reflect sample dilution,

I1 = The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria with respect to the reference spectra, indicating interference,

L1 = The percent recovery of a laboratory control sample is greater than the acceptance limits in A.A.C 17 R9-17-404.03(K)(2)(C), but the sample's target analytes were not detected above the maximum allowed concentration,

M1 = The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria,

M2 = The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria,

M3 = The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria,

M4 = The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria,

M5 = The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample,

N1 - A description of the variance is described in the final report of testing,

R1 = The relative percent difference for the laboratory control sample and duplicate exceeded the limit in A.A.C 17 R9-17-404.03(K)(3), but the recover in subsection A.A.C 17 R9-17-404.03 (K)(2) was within accepted criteria,

R2 = The relative percent difference for a sample and duplicated exceeded the limit in subsection A.A.C 17 R9-17-404.03 (O)

Q1 = Sample integrity was not maintained,

Q2 = The sample is heterogenous and sample homogeneity could not be readily achieved using routine laboratory practices

Q3 = Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

V1 = The recovery from continuing calibration verification standards exceeded the acceptance limits denoted in A.C.C 17 R9-17-403.03(I)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.