

Genesis Biocenticals, LLC

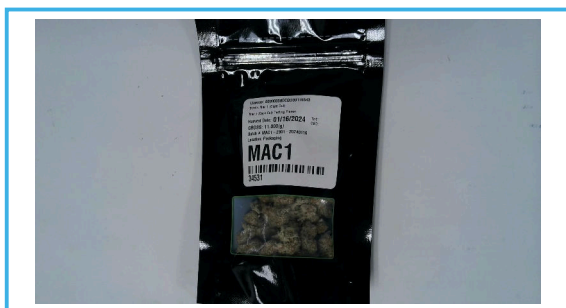
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(847) 682-4899
Lic. #00000058DCQU00115543
Harvest Dates: 01/16/2024

Sample: 2401TLL0037.0233

Strain: MAC 1(Cap's Cut)
Parent Batch #: ; Batch#: MAC1-2301-20240116; Batch Size: 11 g
Sample Received: 01/31/2024; Report Created: 02/06/2024; Expires: 02/06/2025
Manufacturing Date:
Sampling: ; Environment:

MAC1(Cap's Cut) Flower/Pre-Roll

Plant, Flower - Cured
Dispensary License #: ; Manufacturing License #: ; Cultivation License #: 00000058DCQU00115543



Safety

| | | |
|-------------|-------------|-------------|
| Pass | Pass | Pass |
| Pesticides | Microbials | Metals |

Cannabinoids

TPL_Potency_01

| | | |
|---------------|----------------|-----------------------|
| 28.71% | <LOQ | 33.03% |
| Total THC | Total CBD | Total Cannabinoids Q3 |

| Analyte | LOQ | Mass | Mass | Qualifier |
|--------------|------|--------------|--------------|-----------|
| | % | mg/g | mg/g | |
| THCa | 0.10 | 32.54 | 325.4 | |
| Δ9-THC | 0.10 | 0.17 | 1.7 | |
| Δ8-THC | 0.10 | NR | NR | |
| THCV | 0.10 | NR | NR | |
| CBDa | 0.10 | <LOQ | <LOQ | |
| CBD | 0.10 | NR | NR | |
| CBDV | 0.10 | <LOQ | <LOQ | |
| CBN | 0.10 | NR | NR | |
| CBGa | 0.10 | 0.31 | 3.1 | |
| CBG | 0.10 | ND | ND | |
| CBC | 0.10 | NR | NR | |
| Total | | 33.03 | 330.3 | |

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 | Lemon | Cinnamon |

| Analyte | LOQ | Mass | Mass | Qualifier |
|---------------------|-----|---------------|---------------|-----------|
| | % | mg/g | mg/g | |
| α-Humulene | | 0.4000 | 4.000 | Q3 |
| δ-Limonene | | 0.3770 | 3.770 | Q3 |
| β-Caryophyllene | | 0.3690 | 3.690 | Q3 |
| Ocimene | | 0.3470 | 3.470 | Q3 |
| trans-Nerolidol | | 0.2710 | 2.710 | Q3 |
| Linalool | | 0.2320 | 2.320 | Q3 |
| α-Pinene | | 0.2270 | 2.270 | Q3 |
| β-Pinene | | 0.2010 | 2.010 | Q3 |
| α-Bisabolol | | 0.1450 | 1.450 | Q3 |
| β-Myrcene | | 0.1130 | 1.130 | Q3 |
| Terpinolene | | 0.0770 | 0.770 | Q3 |
| γ-Terpinene | | 0.0670 | 0.670 | Q3 |
| Eucalyptol | | 0.0450 | 0.450 | Q3 |
| Camphene | | 0.0230 | 0.230 | Q3 |
| Caryophyllene Oxide | | 0.0210 | 0.210 | Q3 |
| 3-Carene | | < | < | Q3 |
| α-Terpinene | | < | < | Q3 |
| cis-Nerolidol | | < | < | Q3 |
| Geraniol | | < | < | Q3 |
| Guaiol | | < | < | Q3 |
| Isopulegol | | < | < | Q3 |
| p-Cymene | | < | < | Q3 |
| Total | | 2.9150 | 29.150 | |

Instrument: GCMS; Method: TPL_Terp_01
Notes:



Certificate of Analysis

Powered by Confident LIMS
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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 I1 V1 | Hexythiazox | 0.48 | 1.00 | ND | Pass | |
| 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 | | Malathion | 0.10 | 0.20 | ND | Pass | |
| Bifenthrin | 0.10 | 0.20 | ND | Pass | | 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 | |
| Chlorantranilprole | 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 | | Paclobutrazol | 0.19 | 0.40 | ND | Pass | |
| Clofentezine | 0.10 | 0.20 | ND | Pass | | Permethrin | 0.10 | 0.20 | ND | Pass | M2 |
| Cyfluthrin | 0.48 | 1.00 | ND | Pass | | Phosmet | 0.10 | 0.20 | ND | Pass | |
| Cypermethrin | 0.48 | 1.00 | ND | Pass | M1 | Piperonyl | 0.96 | 2.00 | 1.16 | Pass | |
| Daminozide | 0.48 | 1.00 | ND | Pass | M1 L1 V1 | Butoxide | | | | | |
| Diazinon | 0.10 | 0.20 | ND | Pass | | Prallethrin | 0.10 | 0.20 | ND | Pass | |
| Dichlorvos | 0.05 | 0.10 | ND | Pass | | Propiconazole | 0.19 | 0.40 | ND | Pass | |
| Dimethoate | 0.10 | 0.20 | ND | Pass | | Propoxur | 0.10 | 0.20 | ND | Pass | |
| Ethoprophos | 0.10 | 0.20 | ND | Pass | | Pyrethrins | 0.48 | 1.00 | ND | Pass | |
| Etofenprox | 0.19 | 0.40 | ND | Pass | | Pyridaben | 0.10 | 0.20 | ND | Pass | |
| Etoxazole | 0.10 | 0.20 | ND | Pass | | Spinosad | 0.10 | 0.20 | ND | Pass | |
| Fenoxycarb | 0.10 | 0.20 | ND | Pass | | Spiromesifen | 0.10 | 0.20 | ND | Pass | |
| Fenpyroximate | 0.19 | 0.40 | ND | Pass | | Spirotetramat | 0.10 | 0.20 | ND | Pass | |
| Fipronil | 0.19 | 0.40 | ND | Pass | | Spiroxamine | 0.19 | 0.40 | ND | Pass | |
| Fonicamid | 0.48 | 1.00 | ND | Pass | | Tebuconazole | 0.19 | 0.40 | ND | Pass | |
| Fludioxonil | 0.19 | 0.40 | ND | Pass | | Thiacloprid | 0.10 | 0.20 | ND | Pass | |
| | | | | | | Thiamethoxam | 0.10 | 0.20 | ND | Pass | |
| | | | | | | Trifloxystrobin | 0.10 | 0.20 | ND | Pass | |

Instrument: LC-QQQ ; Method: TPL_Pesticides_01



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The product associated with this COA has been tested by Transparent Labs using state validated testing methods, as required by The State of Arizona. Measurement uncertainty and decision rule information is available upon request. The test results on this COA are only valid for the sample submitted by the client and are not valid for samples or batches not mentioned on this Certificate of Analysis. Transparent Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This COA shall not be reproduced except in full, except without the written approval of Transparent Labs. The required tests and associated limit values are referenced from The required tests and testing limits used within this COA conform to those specified in A.R.S Title 36, Chapter 28.2 and A.A.C Title 9 Chapter 17 Supp. 22-3. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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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 | L1 |

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: ICPMS; Method: AOAC 2021.03

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

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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 recovery 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 heterogeneous 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.A.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.