

Releaf Brands

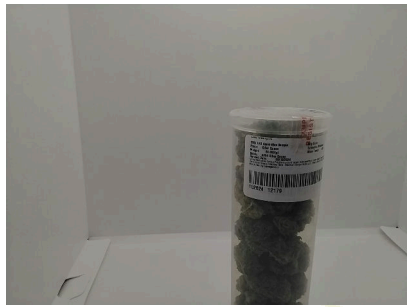
8060 E 22nd St
Tucson, AZ 85710
bturner@releafbrands.com
(520) 612-4303
Lic. #00000081DCPK00962019

Sample: 2410LVL1336.6278

Secondary License: 00000144ESQK21738687; Chain of Distribution: Desert Bloom ReLeaf Center + ReLeaf 85624
Strain: Killer Queen; Batch Size: 2314 g; External Batch ID: A024 Killer Queen
Sample Received: 10/30/2024; Report Created: 11/05/2024; Report Expiration: 11/05/2025
Sampling Date: 10/23/2024; Sampling Time: 3:44 pm; Sampling Person: Maggie
Harvest Date: 09/18/2024; Manufacturing Date: 09/18/2024; External Lot ID: 00305 (300g)
Date of Pickup: Time Collected:

A024 Killer Queen
Plant, Flower - Cured



| | | | |
|--|---------------------|-----------------------|-------------------------|
|  | 20.13% | ND | 24.10% |
| | Total THC | Total CBD | |
| | 13.00 mg/g | Complete | Total Cannabinoids (Q3) |
| | Total Terpenes (Q3) | 4.6% Moisture (Q3) | |

Cannabinoids

Complete

| Analyte | LOQ | Result | Result | Qualifier |
|--------------|------|--------------|--------------|-----------|
| | % | % | mg/g | |
| THCa | 0.17 | 22.04 | 220.4 | |
| Δ9-THC | 0.17 | 0.79 | 7.9 | |
| Δ8-THC | 0.17 | ND | ND | Q3 |
| THCVa | 0.17 | 0.21 | 2.1 | Q3 |
| THCV | 0.17 | ND | ND | Q3 |
| CBDa | 0.17 | ND | ND | |
| CBD | 0.17 | ND | ND | |
| CBDVa | 0.17 | <LOQ | <LOQ | Q3 |
| CBDV | 0.17 | ND | ND | Q3 |
| CBN | 0.17 | ND | ND | Q3 |
| CBGa | 0.17 | 0.67 | 6.7 | Q3 |
| CBG | 0.17 | <LOQ | <LOQ | Q3 |
| CBCa | 0.17 | 0.39 | 3.9 | Q3 |
| CBC | 0.17 | ND | ND | Q3 |
| Total | | 24.10 | 241.0 | Q3 |

Qualifiers:
Date Tested: 11/01/2024 12:00 am

Total THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Terpenes

| Analyte | LOQ | Result | Result | Qualifier | Analyte | LOQ | Result | Result | Qualifier |
|---------------------|------|--------|--------|-----------|------------------|------|--------|--------|-----------|
| | mg/g | mg/g | % | | | mg/g | mg/g | % | |
| Farnesene | 0.02 | 3.50 | 0.350 | Q3 | cis-Nerolidol | 0.20 | ND | ND | Q3 |
| β-Myrcene | 0.10 | 2.46 | 0.246 | Q3 | cis-Ocimene | 0.03 | ND | ND | Q3 |
| δ-Limonene | 0.20 | 2.13 | 0.213 | Q3 | Citronellol | 1.02 | ND | ND | Q3 |
| β-Caryophyllene | 0.20 | 1.63 | 0.163 | Q3 | Eucalyptol | 0.10 | <LOQ | <LOQ | Q3 |
| α-Pinene | 0.10 | 0.88 | 0.088 | Q3 | Fenchone | 0.20 | ND | ND | Q3 |
| α-Humulene | 0.10 | 0.51 | 0.051 | Q3 | γ-Terpinene | 0.10 | ND | ND | Q3 |
| β-Eudesmol | 0.10 | 0.32 | 0.032 | Q3 | γ-Terpineol | 0.02 | ND | ND | Q3 |
| Fenchol | 0.10 | 0.31 | 0.031 | Q3 | Geraniol | 2.04 | ND | ND | Q3 |
| Guaiol | 0.10 | 0.31 | 0.031 | Q3 | Geranyl Acetate | 0.10 | ND | ND | Q3 |
| β-Pinene | 0.20 | 0.27 | 0.027 | Q3 | Isoborneol | 1.02 | ND | ND | Q3 |
| α-Terpineol | 0.17 | 0.22 | 0.022 | Q3 | Isopulegol | 0.10 | ND | ND | Q3 |
| Linalool | 0.20 | 0.22 | 0.022 | Q3 | Menthol | 0.10 | ND | ND | Q3 |
| Caryophyllene Oxide | 0.10 | 0.14 | 0.014 | Q3 | Nerol | 0.10 | ND | ND | Q3 |
| α-Bisabolol | 0.10 | 0.10 | 0.010 | Q3 | Pulegone | 0.10 | ND | ND | Q3 |
| 3-Carene | 0.20 | ND | ND | Q3 | p-Cymene | 0.10 | ND | ND | Q3 |
| α-Cedrene | 0.10 | ND | ND | Q3 | Sabinene | 0.10 | ND | ND | Q3 |
| α-Phellandrene | 0.10 | ND | ND | Q3 | Sabinene Hydrate | 0.10 | ND | ND | Q3 |
| α-Terpinene | 0.10 | ND | ND | Q3 | Terpinolene | 0.20 | ND | ND | Q3 |
| Borneol | 0.31 | <LOQ | <LOQ | Q3 | trans-Nerolidol | 0.10 | ND | ND | Q3 |
| Camphene | 0.10 | <LOQ | <LOQ | Q3 | trans-Ocimene | 0.07 | ND | ND | Q3 |
| Camphor | 0.41 | ND | ND | Q3 | Valencene | 0.10 | ND | ND | Q3 |
| Cedrol | 0.10 | ND | ND | Q3 | | | | | |


Primary Aromas




Magnolia




Hops



Lemon



Cinnamon



Pine

13.00 mg/g
Total Terpenes

Qualifiers:
Date Tested: 10/31/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.

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Pesticides

Pass

| Analyte | LOQ | Limit | Units | Status | Qualifier | Analyte | LOQ | Limit | Units | Status | Qualifier |
|---------------------|-------|-------|-------|--------|-----------|--------------------|-------|-------|-------|--------|-----------|
| | PPM | PPM | PPM | | | | PPM | PPM | PPM | | |
| Abamectin | 0.040 | 0.500 | ND | Pass | L1 | Hexythiazox | 0.050 | 1.000 | ND | Pass | |
| Acephate | 0.040 | 0.400 | ND | Pass | | Imazalil | 0.050 | 0.200 | ND | Pass | |
| Acetamiprid | 0.050 | 0.200 | ND | Pass | | Imidacloprid | 0.050 | 0.400 | ND | Pass | |
| Aldicarb | 0.050 | 0.400 | ND | Pass | | Kresoxim Methyl | 0.040 | 0.400 | ND | Pass | |
| Azoxystrobin | 0.050 | 0.200 | ND | Pass | | Malathion | 0.050 | 0.200 | ND | Pass | |
| Bifenazate | 0.050 | 0.200 | ND | Pass | | Metalaxyl | 0.050 | 0.200 | ND | Pass | |
| Bifenthrin | 0.050 | 0.200 | ND | Pass | M2 | Methiocarb | 0.040 | 0.200 | ND | Pass | |
| Boscalid | 0.040 | 0.400 | ND | Pass | | Methomyl | 0.050 | 0.400 | ND | Pass | |
| Carbaryl | 0.050 | 0.200 | ND | Pass | | Myclobutanil | 0.050 | 0.200 | ND | Pass | |
| Carbofuran | 0.050 | 0.200 | ND | Pass | | Naled | 0.050 | 0.500 | ND | Pass | |
| Chlorantraniliprole | 0.050 | 0.200 | ND | Pass | | Oxamyl | 0.050 | 1.000 | ND | Pass | |
| Chlorfenapyr | 0.470 | 1.000 | ND | Pass | | Pacllobutrazol | 0.050 | 0.400 | ND | Pass | |
| Chlorpyrifos | 0.050 | 0.200 | ND | Pass | | Permethrins | 0.050 | 0.200 | ND | Pass | |
| Clofentezine | 0.050 | 0.200 | ND | Pass | | Phosmet | 0.050 | 0.200 | ND | Pass | |
| Cyfluthrin | 0.460 | 1.000 | ND | Pass | | Piperonyl Butoxide | 0.040 | 2.000 | ND | Pass | |
| Cypermethrin | 0.050 | 1.000 | ND | Pass | | Prallethrin | 0.050 | 0.200 | ND | Pass | |
| Daminozide | 0.460 | 1.000 | ND | Pass | | Propiconazole | 0.050 | 0.400 | ND | Pass | |
| Dichlorvos (DDVP) | 0.050 | 0.100 | ND | Pass | | Propoxur | 0.050 | 0.200 | ND | Pass | |
| Diazinon | 0.050 | 0.200 | ND | Pass | | Pyrethrins | 0.470 | 1.000 | ND | Pass | |
| Dimethoate | 0.050 | 0.200 | ND | Pass | | Pyridaben | 0.050 | 0.200 | ND | Pass | |
| Ethoprophos | 0.050 | 0.200 | ND | Pass | | Spinosad | 0.050 | 0.200 | ND | Pass | M2 |
| Etofenprox | 0.050 | 0.400 | ND | Pass | M2 | Spiromesifen | 0.050 | 0.200 | ND | Pass | |
| Etoxazole | 0.050 | 0.200 | ND | Pass | | Spirotetramat | 0.050 | 0.200 | ND | Pass | |
| Fenoxycarb | 0.050 | 0.200 | ND | Pass | | Spiroxamine | 0.050 | 0.400 | ND | Pass | |
| Fenpyroximate | 0.050 | 0.400 | ND | Pass | | Tebuconazole | 0.050 | 0.400 | ND | Pass | |
| Fipronil | 0.050 | 0.400 | ND | Pass | M1 | Thiacloprid | 0.050 | 0.200 | ND | Pass | |
| Fonicamid | 0.050 | 1.000 | ND | Pass | | Thiamethoxam | 0.050 | 0.200 | ND | Pass | |
| Fludioxonil | 0.050 | 0.400 | ND | Pass | | Trifloxystrobin | 0.050 | 0.200 | ND | Pass | |

Herbicides

| Analyte | LOQ | Limit | Units | Status |
|---------|-----|-------|-------|--------|
|---------|-----|-------|-------|--------|

Qualifiers:
Date Tested: 11/01/2024 12:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



Certificate of Analysis

Powered by Confident LIMS
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Microbials

Pass

| Analyte | Result | Result Units | Status | Qualifier |
|--|--------------|--------------|--------|-----------|
| E. Coli | <10 | CFU/G | Pass | |
| Salmonella | Not Detected | in one gram | Pass | |
| Aspergillus terreus | Not Detected | in one gram | Pass | |
| Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger | Not Detected | in one gram | Pass | |

Qualifiers:
Date Tested: 11/01/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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Matthew Schuberth
Laboratory Manager

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Heavy Metals

Pass

| Analyte | Result | LOQ | Limit | Status | Qualifier |
|---------|--------|-------|-------|--------|-----------|
| | PPM | PPM | PPM | | |
| Arsenic | <0.156 | 0.156 | 0.400 | Pass | V1 |
| Cadmium | 0.179 | 0.156 | 0.400 | Pass | V1 |
| Lead | ND | 0.156 | 1.000 | Pass | V1 |
| Mercury | ND | 0.156 | 0.200 | Pass | V1 |

LEVEL ONE

Qualifiers:
Date Tested: 11/05/2024 12:00 am

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