

Releaf Brands

8060 E 22nd St
Tucson, AZ 85710
hannatempesta@gmail.com
(650) 678-4037
Lic. #00000081DCPK00962019


Sample: 2311LVL1320.7068

Secondary License: ; Chain of Distribution: Desert Bloom ReLeaf Center, ReLeaf85624
Strain: 161 Garlic RTZ; Batch#: 161 Garlic RTZ; Batch Size: 12.58 g
Sample Received: 11/30/2023; Report Created: 02/03/2024; Expires: 02/03/2025
Sampling Date: 11/29/2023; Sampling Time: 6am; Sampling Person: Hanna
Harvest Date: 11/07/2023; Manufacturing Date: 11/07/2023

161 Garlic RTZ

Plant, Flower - Cured, Other
Lic#: 0000144ESQK21738687



| | | | |
|--|-------------------|-------------------------|--------------------|
|  | 19.27% | ND | 22.97% |
| | Total THC | Total CBD | |
| | 22.14 mg/g | Complete 8.1% | Total Cannabinoids |
| | Total Terpenes | Moisture | |

Cannabinoids

Complete

| Analyte | LOQ | Mass | Mass | Qualifier |
|--------------|-------|---------------|---------------|-----------|
| | % | % | mg/g | |
| THCa | 0.165 | 21.446 | 214.46 | |
| Δ9-THC | 0.165 | 0.459 | 4.59 | |
| Δ8-THC | 0.165 | ND | ND | M2 |
| THCVa | 0.165 | <LOQ | <LOQ | |
| THCV | 0.165 | ND | ND | |
| CBDa | 0.165 | ND | ND | |
| CBD | 0.165 | ND | ND | |
| CBDVa | 0.165 | ND | ND | |
| CBDV | 0.165 | ND | ND | |
| CBN | 0.165 | ND | ND | |
| CBGa | 0.165 | 0.450 | 4.50 | |
| CBG | 0.165 | <LOQ | <LOQ | |
| CBCa | 0.165 | 0.612 | 6.12 | Q3 |
| CBC | 0.165 | ND | ND | |
| Total | | 22.967 | 229.67 | |

Qualifiers:
Date Tested: 12/04/2023 07:00 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 | Mass | MassQualifier | Analyte | LOQ | Mass | MassQualifier |
|-----------------|------|------|---------------|------------------|------|------|---------------|
| | mg/g | mg/g | % | | mg/g | mg/g | % |
| δ-Limonene | 0.20 | 8.29 | 0.829 | cis-Ocimene | 0.03 | ND | ND |
| Farnesene | 0.02 | 3.62 | 0.362 | Citronellol | 1.02 | <LOQ | <LOQ |
| β-Caryophyllene | 0.20 | 2.61 | 0.261 | Eucalyptol | 0.10 | ND | ND |
| Linalool | 0.20 | 1.82 | 0.182 | Fenchone | 0.20 | <LOQ | <LOQ |
| β-Myrcene | 0.10 | 1.78 | 0.178 | γ-Terpinene | 0.10 | ND | ND |
| Fenchol | 0.10 | 0.99 | 0.099 | γ-Terpineol | 0.02 | ND | ND |
| α-Humulene | 0.10 | 0.73 | 0.073 | Geraniol | 2.04 | <LOQ | <LOQ |
| α-Terpineol | 0.17 | 0.71 | 0.071 | Geranyl Acetate | 0.10 | ND | ND |
| α-Pinene | 0.10 | 0.63 | 0.063 | Guaiol | 0.10 | ND | ND |
| β-Pinene | 0.20 | 0.55 | 0.055 | Isoborneol | 1.02 | ND | ND |
| α-Bisabolol | 0.10 | 0.22 | 0.022 | Isopulegol | 0.10 | ND | ND |
| Camphene | 0.10 | 0.19 | 0.019 | Menthol | 0.10 | ND | ND |
| 3-Carene | 0.20 | ND | ND | Nerol | 0.10 | ND | ND |
| α-Cedrene | 0.10 | ND | ND | Pulegone | 0.10 | ND | ND |
| α-Phellandrene | 0.10 | ND | ND | p-Cymene | 0.10 | ND | ND |
| α-Terpinene | 0.10 | ND | ND | Sabinene | 0.10 | ND | ND |
| β-Eudesmol | 0.10 | ND | ND | Sabinene Hydrate | 0.10 | ND | ND |
| Borneol | 0.31 | <LOQ | <LOQ | Terpinolene | 0.20 | <LOQ | <LOQ |
| Camphor | 0.41 | ND | ND | trans-Nerolidol | 0.10 | ND | ND |
| Caryophyllene | 0.10 | <LOQ | <LOQ | trans-Ocimene | 0.07 | <LOQ | <LOQ |
| Oxide | 0.10 | ND | ND | Valencene | 0.10 | ND | ND |
| Cedrol | 0.10 | ND | ND | | | | |
| cis-Nerolidol | 0.20 | ND | ND | | | | |

Primary Aromas



Lemon



Magnolia



Cinnamon



Lavender



Hops

22.14 mg/g

Total Terpenes

Qualifiers:
Date Tested: 12/01/2023 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.



Certificate of Analysis

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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 | 0.030 | 0.500 | ND | Pass | M2 | Hexythiazox | 0.040 | 1.000 | ND | Pass | |
| Acephate | 0.040 | 0.400 | ND | Pass | | Imazalil | 0.040 | 0.200 | ND | Pass | |
| Acetamiprid | 0.040 | 0.200 | ND | Pass | | Imidacloprid | 0.040 | 0.400 | ND | Pass | |
| Aldicarb | 0.040 | 0.400 | ND | Pass | | Kresoxim Methyl | 0.040 | 0.400 | ND | Pass | |
| Azoxystrobin | 0.040 | 0.200 | ND | Pass | | Malathion | 0.040 | 0.200 | ND | Pass | |
| Bifenazate | 0.040 | 0.200 | ND | Pass | | Metalaxyl | 0.040 | 0.200 | ND | Pass | |
| Bifenthrin | 0.040 | 0.200 | ND | Pass | M2 | Methiocarb | 0.040 | 0.200 | ND | Pass | |
| Boscalid | 0.040 | 0.400 | ND | Pass | | Methomyl | 0.040 | 0.400 | ND | Pass | |
| Carbaryl | 0.040 | 0.200 | ND | Pass | | Myclobutanil | 0.040 | 0.200 | ND | Pass | |
| Carbofuran | 0.040 | 0.200 | ND | Pass | | Naled | 0.040 | 0.500 | ND | Pass | |
| Chlorantraniliprole | 0.040 | 0.200 | ND | Pass | | Oxamyl | 0.040 | 1.000 | ND | Pass | |
| Chlorfenapyr | 0.420 | 1.000 | ND | Pass | | Pacllobutrazol | 0.040 | 0.400 | ND | Pass | |
| Chlorpyrifos | 0.040 | 0.200 | ND | Pass | | Permethrins | 0.040 | 0.200 | ND | Pass | M2 |
| Clofentezine | 0.040 | 0.200 | ND | Pass | | Phosmet | 0.040 | 0.200 | ND | Pass | |
| Cyfluthrin | 0.420 | 1.000 | ND | Pass | | Piperonyl Butoxide | 0.040 | 2.000 | ND | Pass | |
| Cypermethrin | 0.040 | 1.000 | ND | Pass | M1 | Prallethrin | 0.040 | 0.200 | ND | Pass | |
| Daminozide | 0.420 | 1.000 | ND | Pass | | Propiconazole | 0.040 | 0.400 | ND | Pass | |
| Dichlorvos (DDVP) | 0.040 | 0.100 | ND | Pass | | Propoxur | 0.040 | 0.200 | ND | Pass | |
| Diazinon | 0.040 | 0.200 | ND | Pass | | Pyrethrins | 0.430 | 1.000 | ND | Pass | |
| Dimethoate | 0.040 | 0.200 | ND | Pass | | Pyridaben | 0.040 | 0.200 | ND | Pass | |
| Ethoprophos | 0.040 | 0.200 | ND | Pass | M2 | Spinosad | 0.040 | 0.200 | ND | Pass | M2 |
| Etofenprox | 0.040 | 0.400 | ND | Pass | M2 | Spiromesifen | 0.040 | 0.200 | ND | Pass | |
| Etoxazole | 0.040 | 0.200 | ND | Pass | | Spirotetramat | 0.040 | 0.200 | ND | Pass | |
| Fenoxycarb | 0.040 | 0.200 | ND | Pass | | Spiroxamine | 0.040 | 0.400 | ND | Pass | |
| Fenpyroximate | 0.040 | 0.400 | ND | Pass | | Tebuconazole | 0.040 | 0.400 | ND | Pass | |
| Fipronil | 0.040 | 0.400 | ND | Pass | | Thiacloprid | 0.040 | 0.200 | ND | Pass | |
| Flonicamid | 0.040 | 1.000 | ND | Pass | | Thiamethoxam | 0.040 | 0.200 | ND | Pass | |
| Fludioxonil | 0.040 | 0.400 | ND | Pass | | Trifloxystrobin | 0.040 | 0.200 | ND | Pass | |

Herbicides

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

Qualifiers:

Date Tested: 12/01/2023 07:00 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.



1525 N Granite Reef Rd
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Matthew Schuberth
Laboratory Director

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161 Garlic RTZ

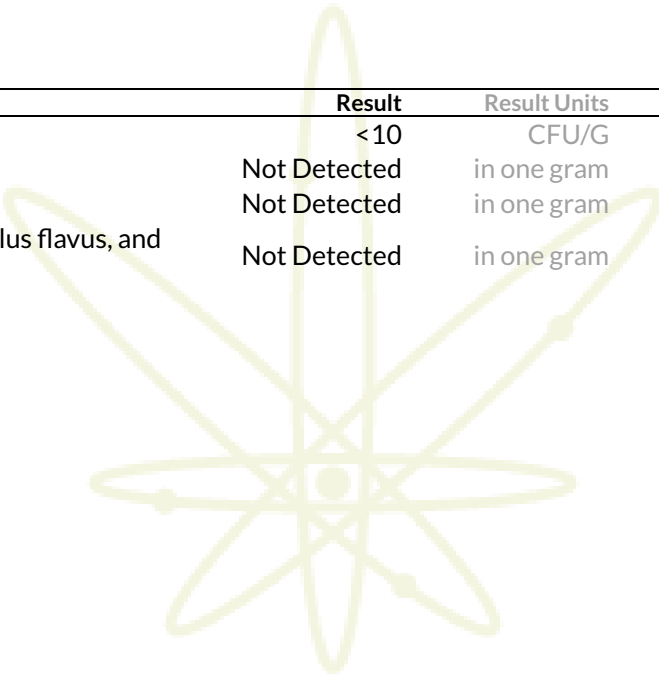
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Microbials

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 | |



LEVEL ONE

Qualifiers:
Date Tested: 12/05/2023 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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Heavy Metals

Pass

| Analyte | Mass PPM | Limit PPM | Status | Qualifier |
|---------|-------------|--------------|--------|-----------|
| Arsenic | <0.400 | 0.400 | Pass | |
| Cadmium | <0.400 | 0.400 | Pass | |
| Lead | <1.000 | 1.000 | Pass | L1 |
| Mercury | <0.200 | 0.200 | Pass | L1 |



Qualifiers:
Date Tested: 12/06/2023 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. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



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