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Colchester, VT 05446
License #: TLAB0030
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# Certificate of Analysis

**Client Name:** Birdland
**License Number:** CLTV-0235

**Sample ID:** VT14539
**Sample Name:** Black Guava
**Sample Lot:** CLTV0235-03-05
**Sample Matrix:** Flower
**Date Received:** 10/24/2024
**Date Reported:** 11/4/2024
**Date Tested:** 11/1/2024

## Total Terpenes (%) : 1.4283

| Dominant Terpenes (%) | |
|---|---|
| **beta-caryophyllene** | **0.453** |
| **Limonene** | **0.3278** |
| **Myrcene** | **0.1802** |
| **alpha-Humulene** | **0.1631** |
| **Guaiol** | **0.082** |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #45609

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.0565 | 0.565 | 0.000003 | 0.001 |
| alpha-Humulene | 0.1631 | 1.631 | 0.000002 | 0.001 |
| alpha-Pinene | 0.0286 | 0.286 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | 0.0034 | 0.034 | 0.000004 | 0.001 |
| beta-caryophyllene | 0.453 | 4.53 | 0.000004 | 0.001 |
| beta-Pinene | 0.0486 | 0.486 | 0.000002 | 0.001 |
| Camphene | 0.0054 | 0.054 | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0205 | 0.205 | 0.000011 | 0.001 |
| Eucalyptol | ND | ND | 0.000002 | 0.001 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.001 |
| Geraniol | ND | ND | 0.000008 | 0.003 |
| Guaiol | 0.082 | 0.82 | 0.000007 | 0.001 |
| Isopulegol | ND | ND | 0.000005 | 0.001 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.001 |
| Limonene | 0.3278 | 3.278 | 0.000002 | 0.001 |
| Linalool | 0.0348 | 0.348 | 0.000003 | 0.001 |
| Nerolidol | 0.0244 | 0.244 | 0.000007 | 0.001 |
| Myrcene | 0.1802 | 1.802 | 0.000003 | 0.001 |
| Ocimene | ND | ND | 0.000002 | 0.001 |
| **Total Terpenes** | **1.4283** | **14.283** | | |

Callie Chapman
Lab Director
11/4/2024

| Rev. 1 | Initial Release |
|---|---|

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