261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

# Certificate of Analysis

**Client Name:** Stone Leaf Process, LLC
**License Number:** MANU0031

**Sample ID:** 20251029-25867
**Sample Name:** Birdland Chemmy-G Live Rosin
**Sample Lot:** manu0031-411-001
**Sample Matrix:** Mechanical Extraction Concentrates
**Date Received:** 10/30/2025
**Date Reported:** 11/6/2025
**Date Tested:** 11/4/2025

## Total Cannabinoids

| | % | mg/g |
|---|---|---|
| **Total THC:** | **61.058** | **610.577** |
| **Total CBD:** | **--** | **--** |
| **Total Cannabinoids:** | **77.241** | **772.413** |

**Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)**
**Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)**

## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-102-OA) | Test ID: #84771

| Analyte | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|
| CBC | ND | ND | 0.0003 | 0.0040 |
| CBCA | 1.5596 | 15.596 | 0.0002 | 0.0040 |
| CBD | < LOQ | < LOQ | 0.0008 | 0.0040 |
| CBDA | ND | ND | 0.0002 | 0.0040 |
| CBDV | ND | ND | 0.0008 | 0.0040 |
| CBDVA | ND | ND | 0.0001 | 0.0040 |
| CBG | ND | ND | 0.0009 | 0.0040 |
| CBGA | 6.0606 | 60.606 | 0.0001 | 0.0040 |
| CBN | ND | ND | 0.0004 | 0.0040 |
| CBNA | ND | ND | 0.0002 | 0.0040 |
| D8 THC | < LOQ | < LOQ | 0.0012 | 0.0040 |
| D9 THC | < LOQ | < LOQ | 0.0016 | 0.0049 |
| D10 THC | ND | ND | 0.0004 | 0.0040 |
| THCA | 69.6211 | 696.211 | 0.0002 | 0.0040 |
| THCV | ND | ND | 0.0016 | 0.0049 |
| THCVA | < LOQ | < LOQ | 0.0002 | 0.0040 |

Callie Chapman
Lab Director
11/6/2025

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

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# Certificate of Analysis

**Client Name:** Stone Leaf Process, LLC
**License Number:** MANU0031

**Sample ID:** 20251029-25867
**Sample Name:** Birdland Chemmy-G Live Rosin
**Sample Lot:** manu0031-411-001
**Sample Matrix:** Mechanical Extraction Concentrates
**Date Received:** 10/30/2025
**Date Reported:** 11/6/2025
**Date Tested:** 10/31/2025

## Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #84763

| Analyte | Result | Pass/Fail |
|---|---|---|
| A. Fumigatus | None Detected | PASS |
| A. Niger | None Detected | PASS |
| A. Flavus | None Detected | PASS |
| A. Terreus | None Detected | PASS |
| STEC | None Detected | PASS |
| Salmonella | None Detected | PASS |

Callie Chapman
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11/6/2025

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# Certificate of Analysis

**Client Name:** Stone Leaf Process, LLC
**License Number:** MANU0031

**Sample ID:** 20251029-25867
**Sample Name:** Birdland Chemmy-G Live Rosin
**Sample Lot:** manu0031-411-001
**Sample Matrix:** Mechanical Extraction Concentrates
**Date Received:** 10/30/2025
**Date Reported:** 11/6/2025
**Date Tested:** 11/4/2025

## Total Terpenes (%) : 4.9534

| Dominant Terpenes (%) | |
|---|---|
| **beta-caryophyllene** | **1.8575** |
| **Limonene** | **1.0921** |
| **alpha-Humulene** | **0.6133** |
| **Myrcene** | **0.4368** |
| **alpha-Bisabolol** | **0.3279** |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #84777

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.3279 | 3.279 | 0.000003 | 0.001 |
| alpha-Humulene | 0.6133 | 6.133 | 0.000002 | 0.001 |
| alpha-Pinene | 0.1058 | 1.058 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | 0.0162 | 0.162 | 0.000004 | 0.001 |
| beta-caryophyllene | 1.8575 | 18.575 | 0.000004 | 0.001 |
| beta-Pinene | 0.1873 | 1.873 | 0.000002 | 0.001 |
| Camphene | 0.0182 | 0.182 | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0732 | 0.732 | 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 | ND | ND | 0.000007 | 0.001 |
| Isopulegol | ND | ND | 0.000005 | 0.001 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.001 |
| Limonene | 1.0921 | 10.921 | 0.000002 | 0.001 |
| Linalool | 0.1576 | 1.576 | 0.000003 | 0.001 |
| Nerolidol | 0.0675 | 0.675 | 0.000007 | 0.001 |
| Myrcene | 0.4368 | 4.368 | 0.000003 | 0.001 |
| Ocimene | ND | ND | 0.000002 | 0.001 |
| **Total Terpenes** | **4.9534** | **49.534** | | |

Callie Chapman
Lab Director
11/6/2025

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# Certificate of Analysis

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

**Sample ID:** 20251015-25297
**Sample Name:** Chemmy G
**Sample Lot:** HL-CLTV0235-05-03
**Sample Matrix:** Flower
**Date Received:** 10/16/2025
**Date Reported:** 10/23/2025
**Date Tested:** 10/21/2025

## Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #82608

| Analyte | Result | Pass/Fail |
|---|---|---|
| A. Fumigatus | None Detected | PASS |
| A. Niger | None Detected | PASS |
| A. Flavus | None Detected | PASS |
| A. Terreus | None Detected | PASS |
| STEC | None Detected | PASS |
| Salmonella | None Detected | PASS |

Callie Chapman
Lab Director
10/23/2025

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# Certificate of Analysis

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

**Sample ID:** 20251016-25320
**Sample Name:** HL: BHH, CG, CLD, DG, GMOBD
**Sample Lot:** HL-CLTV0235-05
**Sample Matrix:** Flower
**Date Received:** 10/16/2025
**Date Reported:** 10/23/2025
**Date Tested:** 10/21/2025

## Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #82729

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|---|---|---|---|---|---|
| Abamectin B1a | Pass | ND | 0.10000 | 0.00687 | 0.02081 |
| Abamectin B1b | Pass | ND | 0.10000 | 0.00133 | 0.00405 |
| Acephate | Pass | ND | 0.10000 | 0.02214 | 0.06710 |
| Acequinocyl | Pass | ND | 0.10000 | 0.02276 | 0.06897 |
| Azoxystrobin | Pass | ND | 0.10000 | 0.01262 | 0.03825 |
| Bifenazate | Pass | ND | 0.10000 | 0.01232 | 0.03734 |
| Bifenthrin | Pass | ND | 3.00000 | 0.04612 | 0.13976 |
| Carbaryl | Pass | ND | 0.50000 | 0.01039 | 0.03149 |
| Chlorpyrifos | Pass | ND | 0.04000 | 0.00702 | 0.02128 |
| Cypermethrin | Pass | ND | 1.00000 | 0.02839 | 0.08604 |
| Etoxazole | Pass | ND | 0.10000 | 0.00915 | 0.02772 |
| Imazalil | Pass | ND | 0.04000 | 0.00664 | 0.02012 |
| Imidacloprid | Pass | ND | 5.00000 | 0.02001 | 0.06063 |
| Myclobutanil | Pass | ND | 0.10000 | 0.01691 | 0.05123 |
| Spinosyn A | Pass | ND | 0.10000 | 0.00632 | 0.01916 |
| Spinosyn D | Pass | ND | 0.10000 | 0.00256 | 0.00775 |
| Pyrethrins | Pass | ND | 0.50000 | 0.00022<br>0.00498 * | 0.00072<br>0.00015 * |

* Pyrethrins action limit represents sum of isomers I & II

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