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: 20251029-25870
Sample Name: Birdland Snow Dog Live Rosin
Sample Lot: manu0031-399-001
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:	**62.373**	**623.731**
Total CBD:	**0.646**	**6.464**
Total Cannabinoids:	**78.107**	**781.065**

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: #84772

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	1.2288	12.288	0.0002	0.0040
CBD	0.6464	6.464	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	< LOQ	< LOQ	0.0009	0.0040
CBGA	5.1103	51.103	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	71.121	711.21	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

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Sample Name: Birdland Snow Dog Live Rosin
Sample Lot: manu0031-399-001
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: #84766

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

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License Number: MANU0031

Sample ID: 20251029-25870
Sample Name: Birdland Snow Dog Live Rosin
Sample Lot: manu0031-399-001
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 10/30/2025
Date Reported: 11/6/2025
Date Tested: 11/4/2025

Total Terpenes (%) : 4.4854

Dominant Terpenes (%)	
beta-caryophyllene	1.606
Limonene	0.9161
alpha-Humulene	0.5344
Myrcene	0.4979
alpha-Bisabolol	0.3232

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #84778

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.3232	3.232	0.000003	0.001
alpha-Humulene	0.5344	5.344	0.000002	0.001
alpha-Pinene	0.0958	0.958	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0147	0.147	0.000004	0.001
beta-caryophyllene	1.606	16.06	0.000004	0.001
beta-Pinene	0.1711	1.711	0.000002	0.001
Camphene	0.0154	0.154	0.000001	0.001
Caryophyllene Oxide	0.0828	0.828	0.000011	0.001
Eucalyptol	0.0119	0.119	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	< LOQ	< LOQ	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	0.9161	9.161	0.000002	0.001
Linalool	0.1798	1.798	0.000003	0.001
Nerolidol	0.0363	0.363	0.000007	0.001
Myrcene	0.4979	4.979	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	**4.4854**	**44.854**		

Callie Chapman
Lab Director
11/6/2025

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Certificate of Analysis

Client Name: Birdland
License Number: CLTV-0235

Sample ID: 20251015-25308
Sample Name: Snow Dog
Sample Lot: HL-CLTV0235-05-20
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: #82651

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: 20251016-25322
Sample Name: HL: P, PZ, SD, WP, Z
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: #82731

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 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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