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

Certificate of Analysis

Client Name: Backwoods Farm LLC
License Number: SCLT0053

Sample ID: 20251204-27184
Sample Name: Chem 51
Sample Lot: HL-SCLT0053-7
Sample Matrix: Flower
Date Received: 12/4/2025
Date Reported: 12/11/2025
Date Tested: 12/8/2025



Total Cannabinoids

	%	mg/g
Total THC:	**22.769**	**227.693**
Total CBD:	**--**	**--**
Total Cannabinoids:	**26.853**	**268.534**

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: #89389

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.958	9.584	0.958	9.584	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.483	4.832	0.483	4.832	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	25.412	254.118	25.412	254.118	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #89390

Analyte	Result (%)	Limit	Pass/Fail
Moisture	8.29	13.00	
Water Activity	0.26	0.65	PASS

Callie Chapman
Lab Director
12/11/2025

Rev. 1	Initial Release

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Certificate of Analysis

Client Name: Backwoods Farm LLC
License Number: SCLT0053

Sample ID: 20251204-27184
Sample Name: Chem 51
Sample Lot: HL-SCLT0053-7
Sample Matrix: Flower
Date Received: 12/4/2025
Date Reported: 12/15/2025
Date Tested: 12/12/2025



Total Terpenes (%) : 2.3262

Dominant Terpenes (%)	
beta-caryophyllene	0.696
Limonene	0.4147
Myrcene	0.3355
alpha-Humulene	0.2704
alpha-Bisabolol	0.1411

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #89790

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1411	1.411	0.000003	0.001
alpha-Humulene	0.2704	2.704	0.000002	0.001
alpha-Pinene	0.0565	0.565	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0201	0.201	0.000004	0.001
beta-caryophyllene	0.696	6.96	0.000004	0.001
beta-Pinene	0.0756	0.756	0.000002	0.001
Camphene	0.0176	0.176	0.000001	0.001
Caryophyllene Oxide	0.0466	0.466	0.000011	0.001
Eucalyptol	0.0158	0.158	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.0299	0.299	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	0.4147	4.147	0.000002	0.001
Linalool	0.0508	0.508	0.000003	0.001
Nerolidol	0.0479	0.479	0.000007	0.001
Myrcene	0.3355	3.355	0.000003	0.001
Ocimene	0.1077	1.077	0.000002	0.001
Total Terpenes	**2.3262**	**23.262**		

Callie Chapman
Lab Director
12/15/2025

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Certificate of Analysis

Client Name: Backwoods Farm LLC
License Number: SCLT0053

Sample ID: 20251202-27073
Sample Name: Chem 51
Sample Lot: HL-SCLT0053-7
Sample Matrix: Flower
Date Received: 12/4/2025
Date Reported: 12/11/2025
Date Tested: 12/5/2025



Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #88952

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
12/11/2025

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Certificate of Analysis

Client Name: Backwoods Farm LLC
License Number: SCLT0053

Sample ID: 20251203-27079
Sample Name: HL: SC, TS, C51 & G31
Sample Lot: HL-SCLT0053-7
Sample Matrix: Flower
Date Received: 12/4/2025
Date Reported: 12/11/2025
Date Tested: 12/5/2025



Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #88999

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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