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

Certificate of Analysis

Client Name: Birdseye Botanicals
License Number: CLTV0103

Sample ID: 20251103-26052
Sample Name: Pumpernickle
Sample Lot: CLTV0103-4-2
Sample Matrix: Flower
Date Received: 11/3/2025
Date Reported: 11/7/2025
Date Tested: 11/4/2025

Total Cannabinoids

	%	mg/g
Total THC:	**25.272**	**252.724**
Total CBD:	**--**	**--**
Total Cannabinoids:	**29.955**	**299.546**

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: #85494

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.289	2.89	0.2529	2.529	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	0.8487	8.487	0.7425	7.425	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.8169	288.169	25.2119	252.119	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #85495

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.51	13.00	
Water Activity	0.57	0.65	PASS

Callie Chapman
Lab Director
11/7/2025

Rev. 1	Initial Release

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Certificate of Analysis

Client Name: Birdseye Botanicals
License Number: CLTV0103

Sample ID: 20251103-26052
Sample Name: Pumpernickle
Sample Lot: CLTV0103-4-2
Sample Matrix: Flower
Date Received: 11/3/2025
Date Reported: 11/7/2025
Date Tested: 11/4/2025

Total Terpenes (%) : 1.1784

Dominant Terpenes (%)	
beta-caryophyllene	**0.3427**
Limonene	**0.3146**
alpha-Humulene	**0.1608**
Myrcene	**0.1005**
alpha-Bisabolol	**0.0892**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #85496

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0892	0.892	0.000003	0.001
alpha-Humulene	0.1608	1.608	0.000002	0.001
alpha-Pinene	0.0309	0.309	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0076	0.076	0.000004	0.001
beta-caryophyllene	0.3427	3.427	0.000004	0.001
beta-Pinene	0.0582	0.582	0.000002	0.001
Camphene	0.0042	0.042	0.000001	0.001
Caryophyllene Oxide	0.0289	0.289	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	0.3146	3.146	0.000002	0.001
Linalool	0.0408	0.408	0.000003	0.001
Nerolidol	ND	ND	0.000007	0.001
Myrcene	0.1005	1.005	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	**1.1784**	**11.784**		

Callie Chapman
Lab Director
11/7/2025

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Certificate of Analysis

Client Name: Birdseye Botanicals
License Number: CLTV0103

Sample ID: 20251110-26245
Sample Name: Pumpernickle
Sample Lot: CLTV0103-4-2
Sample Matrix: Flower
Date Received: 11/10/2025
Date Reported: 11/13/2025
Date Tested: 11/10/2025

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #86132

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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Lab Director
11/13/2025

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