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

Certificate of Analysis

Client Name: Grateful Grow
License Number: CLTV0370

Sample ID: 20251009-25071
Sample Name: Frosted Flakes
Sample Lot: CLTV0370-5
Sample Matrix: Flower
Date Received: 10/9/2025
Date Reported: 10/16/2025
Date Tested: 10/13/2025

Total Cannabinoids

	%	mg/g
Total THC:	**22.292**	**222.920**
Total CBD:	**--**	**--**
Total Cannabinoids:	**26.790**	**267.900**

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-024-OA) | Test ID: #81953

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	ND	ND	ND	ND	0.0009	0.0040
CBGA	1.3715	13.715	1.2053	12.053	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	25.4185	254.185	22.3378	223.378	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-202-OA) | Test ID: #81954

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.12	13.00	
Water Activity	0.55	0.65	PASS

Callie Chapman
Lab Director
10/16/2025

Rev. 1	Initial Release

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Sample Name: Frosted Flakes
Sample Lot: CLTV0370-5
Sample Matrix: Flower
Date Received: 10/9/2025
Date Reported: 10/16/2025
Date Tested: 10/13/2025

Total Terpenes (%) : 1.954

Dominant Terpenes (%)	
beta-caryophyllene	0.761
alpha-Humulene	0.323
Limonene	0.247
Myrcene	0.2429
Linalool	0.1756

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #81955

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0594	0.594	0.000003	0.001
alpha-Humulene	0.323	3.23	0.000002	0.001
alpha-Pinene	0.0284	0.284	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0064	0.064	0.000004	0.001
beta-caryophyllene	0.761	7.61	0.000004	0.001
beta-Pinene	0.0506	0.506	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.0271	0.271	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.021	0.21	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	0.247	2.47	0.000002	0.001
Linalool	0.1756	1.756	0.000003	0.001
Nerolidol	ND	ND	0.000007	0.001
Myrcene	0.2429	2.429	0.000003	0.001
Ocimene	0.0116	0.116	0.000002	0.001
Total Terpenes	**1.954**	**19.54**		

Callie Chapman
Lab Director
10/16/2025

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Sample Lot: CLTV0370-5
Sample Matrix: Flower
Date Received: 10/9/2025
Date Reported: 10/16/2025
Date Tested: 10/10/2025

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #81956

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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