



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: 20251009-25075
Sample Name: Subzero #12
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:	25.799	257.995
Total CBD:	--	--
Total Cannabinoids:	30.941	309.407

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: #81969

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	0.6619	6.619	0.583	5.83	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	ND	ND	ND	ND	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	29.4179	294.179	25.9113	259.113	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.8609	8.609	0.7583	7.583	0.0002	0.0040

Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #81970

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.92	13.00	PASS
Water Activity	0.56	0.65	

Callie Chapman
 Lab Director
 10/16/2025

Rev. 1 | Initial Release

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Total Terpenes (%) : 1.3777

Dominant Terpenes (%)	
beta-caryophyllene	0.3347
Limonene	0.3101
Myrcene	0.1908
alpha-Humulene	0.1462
Linalool	0.1039

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #81971

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0844	0.844	0.000003	0.001
alpha-Humulene	0.1462	1.462	0.000002	0.001
alpha-Pinene	0.0426	0.426	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0062	0.062	0.000004	0.001
beta-caryophyllene	0.3347	3.347	0.000004	0.001
beta-Pinene	0.0786	0.786	0.000002	0.001
Camphene	0.0051	0.051	0.000001	0.001
Caryophyllene Oxide	0.0272	0.272	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	0.3101	3.101	0.000002	0.001
Linalool	0.1039	1.039	0.000003	0.001
Nerolidol	0.0359	0.359	0.000007	0.001
Myrcene	0.1908	1.908	0.000003	0.001
Ocimene	0.012	0.12	0.000002	0.001
Total Terpenes	1.3777	13.777		

Callie Chapman
 Lab Director
 10/16/2025

ONWARD ANALYTICS

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Date Tested: 10/10/2025



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #81972

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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