



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

Certificate of Analysis

Client Name: Stone Leaf Cannabis Grow LLC
License Number: CLTV0062

Sample ID: VT8799
Sample Name: Vermont Blueberry Muffin
Sample Lot: CLTV0062-032-005
Sample Matrix: Flower
Date Received: 4/2/2024
Date Reported: 4/9/2024
Date Tested: 4/4/2024



Total Cannabinoids		
	%	mg/g
Total THC:	24.013	240.134
Total CBD:	--	--
Total Cannabinoids:	28.626	286.257

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: #26057

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	1.2908	12.908	1.1352	11.352	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	0.3305	3.305	0.2907	2.907	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	27.0044	270.044	23.7504	237.504	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: #26058

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.05	13.00	
Water Activity	0.54	0.65	PASS

Holly Heimsath

Holly Heimsath
 QA Manager
 4/9/2024

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Total Terpenes (%) : 2.3766

Dominant Terpenes (%)	
Myrcene	1.2508
beta-caryophyllene	0.2303
Limonene	0.2272
Linalool	0.1807
alpha-Bisabolol	0.1016

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #26060

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.1016	1.016	0.000003	0.002
alpha-Humulene	0.0746	0.746	0.000002	0.002
alpha-Pinene	0.0239	0.239	0.000001	0.002
alpha-Terpinene	< LOQ	< LOQ	0.000001	0.002
alpha-Terpinolene	0.0264	0.264	0.000004	0.002
beta-caryophyllene	0.2303	2.303	0.000004	0.002
beta-Pinene	0.0577	0.577	0.000002	0.002
Camphene	0.0185	0.185	0.000001	0.002
Caryophyllene Oxide	0.0256	0.256	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	0.0495	0.495	0.000008	0.002
Guaiol	0.0474	0.474	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.2272	2.272	0.000002	0.002
Linalool	0.1807	1.807	0.000003	0.002
Nerolidol	0.0366	0.366	0.000007	0.002
Myrcene	1.2508	12.508	0.000003	0.002
Ocimene	0.0258	0.258	0.000002	0.002
Total Terpenes	2.3766	23.766		

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 QA Manager
 4/9/2024

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Date Reported: 4/17/2024
Date Tested: 4/15/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #27319

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
 4/17/2024

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