



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:** VT10772  
**Sample Name:** Sweet GMO  
**Sample Lot:** CLTV0062-037  
**Sample Matrix:** Flower  
**Date Received:** 6/18/2024  
**Date Reported:** 6/24/2024  
**Date Tested:** 6/20/2024



Total Cannabinoids		
	%	mg/g
<b>Total THC:</b>	<b>9.131</b>	<b>91.307</b>
<b>Total CBD:</b>	<b>10.538</b>	<b>105.384</b>
<b>Total Cannabinoids:</b>	<b>26.562</b>	<b>265.622</b>

**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: #32282

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	3.4468	34.468	3.0301	30.301	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	12.0164	120.164	10.5636	105.636	0.0002	0.0040
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.7236	7.236	0.6361	6.361	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	0.2558	2.558	0.2249	2.249	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	10.1196	101.196	8.8961	88.961	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: #32283

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.09	13.00	
Water Activity	0.55	0.65	PASS

Callie Chapman  
 Lab Director  
 6/24/2024

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**Date Tested:** 6/20/2024



## Total Terpenes (%) : 1.1498

Dominant Terpenes (%)	
Myrcene	0.3181
Limonene	0.2844
beta-caryophyllene	0.1423
Linalool	0.1069
alpha-Humulene	0.0763

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #32284

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.065	0.65	0.000003	0.002
alpha-Humulene	0.0763	0.763	0.000002	0.002
alpha-Pinene	0.017	0.17	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	0.0131	0.131	0.000004	0.002
beta-caryophyllene	0.1423	1.423	0.000004	0.002
beta-Pinene	0.0315	0.315	0.000002	0.002
Camphene	< LOQ	< LOQ	0.000001	0.002
Caryophyllene Oxide	0.0169	0.169	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	0.0547	0.547	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.2844	2.844	0.000002	0.002
Linalool	0.1069	1.069	0.000003	0.002
Nerolidol	0.0236	0.236	0.000007	0.002
Myrcene	0.3181	3.181	0.000003	0.002
Ocimene	< LOQ	< LOQ	0.000002	0.002
<b>Total Terpenes</b>	<b>1.1498</b>	<b>11.498</b>		

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 Lab Director  
 6/24/2024

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## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #32285

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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