



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

# Certificate of Analysis

**Client Name:** Stone Leaf Process, LLC  
**License Number:** MANU0031

**Sample ID:** VT3109  
**Sample Name:** GMO Rosin  
**Sample Lot:** manu0031-37-001  
**Sample Matrix:** Mechanical Extraction Concentrates  
**Date Received:** 8/23/2023  
**Date Reported:** 8/24/2023  
**Date Tested:** 8/24/2023



Total Cannabinoids		
	%	mg/g
<b>Total THC:</b>	<b>65.426</b>	<b>654.264</b>
<b>Total CBD:</b>	--	--
<b>Total Cannabinoids:</b>	<b>76.183</b>	<b>761.834</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: #6731

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	0.0002	0.0040
CBD	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.7645	17.645	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	1.3089	13.089	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	73.11	731.1	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040

Callie Chapman  
 Lab Director  
 8/24/2023

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





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**Date Reported:** 8/30/2023  
**Date Tested:** 8/24/2023



## Total Terpenes (%) : 6.0513

Dominant Terpenes (%)	
Myrcene	2.156
trans-Caryophyllene	1.3759
Limonene	1.1448
Linalool	0.7506
beta-Pinene	0.2599

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #6732

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.003	0.009
alpha-Bisabolol	0.2243	2.243	0.005	0.014
alpha-Humulene	ND	ND	0.003	0.009
alpha-Pinene	< LOQ	< LOQ	0.004	0.013
alpha-Terpinene	ND	ND	0.004	0.025
alpha-Terpinolene	ND	ND	0.005	0.014
beta-Pinene	0.2599	2.599	0.004	0.013
Camphene	0.1398	1.398	0.003	0.009
Caryophyllene Oxide	ND	ND	0.006	0.017
Cineole	ND	ND	0.003	0.009
gamma-Terpinene	ND	ND	0.005	0.015
Geraniol	ND	ND	0.011	0.034
Guaiol	ND	ND	0.003	0.009
Isopulegol	ND	ND	0.004	0.012
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	1.1448	11.448	0.004	0.012
Linalool	0.7506	7.506	0.005	0.014
Nerolidol	ND	ND	0.011	0.034
Myrcene	2.156	21.56	0.004	0.014
Ocimene	< LOQ	< LOQ	0.004	0.012
trans-Caryophyllene	1.3759	13.759	0.004	0.013
<b>Total Terpenes</b>	<b>6.0513</b>	<b>60.513</b>		

Callie Chapman  
 Lab Director  
 8/30/2023

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**Date Tested:** 8/28/2023



## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #6733

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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