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: VT20289
Sample Name: Clovis Grape Gas Live Rosin
Sample Lot: manu0031-288
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 4/17/2025
Date Reported: 4/25/2025
Date Tested: 4/18/2025

Total Cannabinoids

	%	mg/g
Total THC:	**62.981**	**629.809**
Total CBD:	**--**	**--**
Total Cannabinoids:	**76.548**	**765.480**

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: #66229

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	1.9057	19.057	0.0002	0.0040
CBD	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	ND	ND	0.0009	0.0040
CBGA	2.8283	28.283	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	ND	ND	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	71.814	718.14	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040

Callie Chapman
Lab Director
4/25/2025

Rev. 1	Initial Release

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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Certificate of Analysis

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

Sample ID: VT20289
Sample Name: Clovis Grape Gas Live Rosin
Sample Lot: manu0031-288
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 4/17/2025
Date Reported: 4/28/2025
Date Tested: 4/25/2025

Total Terpenes (%) : 4.4833

Dominant Terpenes (%)	
Limonene	**1.3102**
beta-caryophyllene	**1.2346**
alpha-Humulene	**0.4358**
Linalool	**0.3611**
Myrcene	**0.2922**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #66230

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1293	1.293	0.000003	0.001
alpha-Humulene	0.4358	4.358	0.000002	0.001
alpha-Pinene	0.1664	1.664	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0239	0.239	0.000004	0.001
beta-caryophyllene	1.2346	12.346	0.000004	0.001
beta-Pinene	0.1953	1.953	0.000002	0.001
Camphene	0.0243	0.243	0.000001	0.001
Caryophyllene Oxide	0.0624	0.624	0.000011	0.001
Eucalyptol	0.0187	0.187	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	1.3102	13.102	0.000002	0.001
Linalool	0.3611	3.611	0.000003	0.001
Nerolidol	0.1424	1.424	0.000007	0.001
Myrcene	0.2922	2.922	0.000003	0.001
Ocimene	0.0867	0.867	0.000002	0.001
Total Terpenes	**4.4833**	**44.833**		

Callie Chapman
Lab Director
4/28/2025

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License Number: MANU0031

Sample ID: VT20289
Sample Name: Clovis Grape Gas Live Rosin
Sample Lot: manu0031-288
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 4/17/2025
Date Reported: 4/25/2025
Date Tested: 4/18/2025

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #66231

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
4/25/2025

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Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

8.05

Sample ID: BIA241121S0004
Strain: Grape Gas

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.87 g
Lot#:

Produced:
Collected:
Received: 11/21/2024
Completed: 11/27/2024
Batch#:

Client
Clovis LLC
Lic. # CLTV0099
506 Marcoux Rd
Hyde Park, VT 05655

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/25/2024	Complete
Moisture	11/22/2024	8.50% - Complete
Water Activity	11/22/2024	0.389 aw - Complete
Terpenes	11/25/2024	Complete
Microbials	11/27/2024	Complete

Cannabinoids

Completed

20.54% Total THC	0.07% Total CBD	24.67% Total Cannabinoids

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	0.06	0.6	
CBDa	0.0008	0.08	0.8	
CBGa	0.0008	1.03	10.3	
CBG	0.0019	0.10	1.0	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.16	1.6	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	23.24	232.4	
Total THC		**20.54**	**205.41**	
Total CBD		**0.07**	**0.71**	
Total		**24.67**	**246.68**	**0.00**

Analyst: 056
Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)
Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + CBD Reagent
Blanks: < LOQs for all analytes
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).
All results reflect dry weight of material, based on % moisture of the sample.
Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%
All other cannabinoid MU values are available upon request.
All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

Luke Emerson-Mason
Laboratory Director
11/27/2024

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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

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8.05

Sample ID: BIA241121S0004
Strain: Grape Gas

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.87 g
Lot#:

Produced:
Collected:
Received: 11/21/2024
Completed: 11/27/2024
Batch#:

Client
Clovis LLC
Lic. # CLTV0099
506 Marcoux Rd
Hyde Park, VT 05655

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	5.918	0.592
Ocimene	0.010	4.138	0.414
β-Myrcene	0.010	2.747	0.275
β-Caryophyllene	0.010	2.329	0.233
Linalool	0.010	1.552	0.155
β-Pinene	0.010	1.036	0.104
α-Humulene	0.010	0.805	0.080
α-Pinene	0.010	0.782	0.078
Camphene	0.010	0.107	0.011
Terpinolene	0.010	0.080	0.008
Eucalyptol	0.010	0.059	0.006
Geraniol	0.010	0.026	0.003
γ-Terpinene	0.010	0.013	0.001
3-Carene	0.010	<LOQ	<LOQ
α-Bisabolol	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		**19.591**	**1.959**

Primary Aromas

Analyst: 045
LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).
Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS
Reagent Blanks: < LOQs for all analytes
All results reflect dry weight of material, based on % moisture of the sample.
All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

Luke Emerson-Mason
Laboratory Director
11/27/2024

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8.05

Sample ID: BIA241121S0004
Strain: Grape Gas

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.87 g
Lot#:

Produced:
Collected:
Received: 11/21/2024
Completed: 11/27/2024
Batch#:

Client
Clovis LLC
Lic. # CLTV0099
506 Marcoux Rd
Hyde Park, VT 05655

Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 049
Test Methodology: Bio-Rad IQ-Check PCR Kits
cfu/g = colony forming units per gram
LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).
Reagent Blanks: <LOD for all analytes

Luke Emerson-Mason
Laboratory Director
11/27/2024

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Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

Lot 008

Sample ID: BIA241121S0006
Strain: Papaya, CapJ, GVG, GGas, SApe

Matrix: Plant
Type: Flower - Cured
Sample Size:
Lot#:

Produced:
Collected:
Received: 11/21/2024
Completed: 11/27/2024
Batch#:

Client
Clovis LLC
Lic. # CLTV0099
506 Marcoux Rd
Hyde Park, VT 05655

Pesticides

Completed

Category 1 Pesticides	LOQ	Results
	PPM	PPM
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

Category 2 Pesticides	LOQ	Results
	PPM	PPM
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Pyrethrins	0.0020	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Analyst: 048
Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer
LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).
ppm = parts per million
All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

Luke Emerson-Mason
Laboratory Director
11/27/2024

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