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: 20251001-24803
Sample Name: Blood Orange Live Rosin Gummy
Sample Lot: 0031-356-003BO
Sample Matrix: Gummy
Date Received: 10/2/2025
Date Reported: 10/8/2025
Date Tested: 10/3/2025

Total Cannabinoids

	%	mg/g	mg/unit
Total THC:	**0.106**	**1.060**	**5.662**
Total CBD:	**--**	**--**	**0.000**
Total Cannabinoids:	**0.114**	**1.139**	**6.084**
Unit Weight (g): 5.3414			

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: #81070

Analyte	%	mg/g	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	0.002	0.02	0.11	0.0003	0.0040
CBCA	ND	ND	ND	0.0002	0.0040
CBD	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	0.0001	0.0040
CBG	0.0059	0.059	0.32	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
CBN	< LOQ	< LOQ	<LOQ	0.0004	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	0.0012	0.0040
D9 THC	0.106	1.06	5.66	0.0016	0.0049
D10 THC	ND	ND	ND	0.0004	0.0040
THCA	ND	ND	ND	0.0002	0.0040
THCV	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	0.0002	0.0040

Callie Chapman
Lab Director
10/8/2025

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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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: VT23185
Sample Name: old growth mix strain bubble hash
Sample Lot: manu0031-356-001
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 8/7/2025
Date Reported: 8/12/2025
Date Tested: 8/7/2025

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #76008

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
8/12/2025

Rev. 1	Initial Release

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Platinum Pupil Punch

Sample ID: BIA24112650018
Strain: Platinum Pupil Punch

Matrix: Plant
Type: Flower - Cured
Sample Size: 10.75 g
Lot#: CLTV0058-10-1

Produced:
Collected:
Received: 11/26/2024
Completed: 12/05/2024
Batch#: CLTV0058-10-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

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
12/05/2024

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Platinum Pupil Punch

Sample ID: BIA24112650018
Strain: Platinum Pupil Punch

Matrix: Plant
Type: Flower - Cured
Sample Size: 10.75 g
Lot#: CLTV0058-10-1

Produced:
Collected:
Received: 11/26/2024
Completed: 12/05/2024
Batch#: CLTV0058-10-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

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
12/05/2024

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Cardi B

Sample ID: BIA241107S0021
Strain: Cardi B

Matrix: Plant
Type: Flower - Cured
Sample Size: 2.46 g
Lot#: PL-CLTV0058-12-1

Produced:
Collected:
Received: 11/07/2024
Completed: 11/15/2024
Batch#: PL-CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

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
11/15/2024

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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

Composite TCK, SV, QBL, CB, HV

Sample ID: BIA241107S0025
Strain: Topanga, Sangivo, Queen Lime, Cardi, Hunza
Matrix: Plant
Type: Flower - Cured
Sample Size:
Lot#: PL-CLTV0058-12-1

Produced:
Collected:
Received: 11/07/2024
Completed: 11/15/2024
Batch#: PL-CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

Pesticides

In Progress

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
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Analyst: 056
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
11/15/2024

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Hunza Valley 91

Sample ID: BIA241107S0022
Strain: Hunza Valley 91

Matrix: Plant
Type: Flower - Cured
Sample Size: 2.32 g
Lot#: PL-CLTV0058-12-1

Produced:
Collected:
Received: 11/07/2024
Completed: 11/15/2024
Batch#: PL-CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

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

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Laboratory Director
11/15/2024

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Pineapple Mushroom Pizza

Sample ID: BIA24112650013
Strain: Pineapple Mushroom Pizza

Matrix: Plant
Type: Flower - Cured
Sample Size: 5.31 g
Lot#: CLTV0058-12-1

Produced:
Collected:
Received: 11/26/2024
Completed: 12/05/2024
Batch#: CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus		Not Detected
Shiga Toxin E. Coli		Not Detected
Salmonella SPP		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
12/05/2024

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Bia Diagnostics
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Colchester, VT 05446
(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

Composite PMP, SA, SD, GM, RC

Sample ID: BIA24112650019
Strain: Pineapple Mush, Spirit, Sour, G Money, Royal
Matrix: Plant
Type: Flower - Cured
Sample Size:
Lot#: CLTV0058-12-1

Produced:
Collected:
Received: 11/26/2024
Completed: 12/05/2024
Batch#: CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

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
12/05/2024

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Bia Diagnostics Laboratories

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

Royal Chem

Sample ID: BIA250205S0012
Strain: Royal Chem

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.26 g
Lot#: HL-CLTV0058-12

Produced:
Collected:
Received: 02/06/2025
Completed: 02/13/2025
Batch#: HL-CLTV0058-12

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

Pathogens

Completed

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

Analyst: 018
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
02/13/2025

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480 Hercules Drive Suite 101
Colchester, VT 05446

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

Royal Chem

Sample ID: BIA250206S0025
Strain: Royal Chem

Matrix: Plant
Type: Flower - Cured
Sample Size:
Lot#: HL-CLTV0058-12

Produced:
Collected:
Received: 02/06/2025
Completed: 02/13/2025
Batch#: HL-CLTV0058-12

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

Pathogens

Completed

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

Analyst: 018
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
02/13/2025

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Royal Chem

Sample ID: BIA24112650017
Strain: Royal Chem

Matrix: Plant
Type: Flower - Cured
Sample Size: 5.63 g
Lot#: CLTV0058-12-1

Produced:
Collected:
Received: 11/26/2024
Completed: 12/05/2024
Batch#: CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus		Detected
Shiga Toxin E. Coli		Not Detected
Salmonella SPP		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
12/05/2024

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Sour Diesel

Sample ID: BIA24112650015
Strain: Sour Diesel

Matrix: Plant
Type: Flower - Cured
Sample Size: 9.55 g
Lot#: CLTV0058-12-1

Produced:
Collected:
Received: 11/26/2024
Completed: 12/05/2024
Batch#: CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus		Not Detected
Shiga Toxin E. Coli		Not Detected
Salmonella SPP		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
12/05/2024

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Topanga Canyon Pure Kush

Sample ID: BIA241107S0018
Strain: Topanga Canyon Pure Kush

Matrix: Plant
Type: Flower - Cured
Sample Size: 1.25 g
Lot#: PL-CLTV0058-12-1

Produced:
Collected:
Received: 11/07/2024
Completed: 11/15/2024
Batch#: PL-CLTV0058-12-1

Client
Old Growth Vermont
Lic. # CLTV0058
1057 BRUCE BADGER MEMORIAL HWY
DANVILLE, VT 05828

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
11/15/2024

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