



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: VT12041
Sample Name: Dream Queen Rosin
Sample Lot: manu0031-167
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 8/5/2024
Date Reported: 8/8/2024
Date Tested: 8/6/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #36512

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



Colleen O'Connell
 Colleen O'Connell
 Lab Director
 8/8/2024

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 judgments 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: VT11991
Sample Name: Black Elvis Rosin
Sample Lot: manu0031-166
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 8/1/2024
Date Reported: 8/6/2024
Date Tested: 8/2/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #36346

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
 8/6/2024

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 judgments 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.



Certificate of Analysis

Company: Clovis LLC	Sample ID: Dream Queen	Report Date: 1/2/2024
	Lot: 3.03	Date Analyzed: 12/27/2023
	Matrix: Flower	Analyst: 011
Customer ID: 221031-3	Date Sampled: N/A	Report ID: C231214AP
Grower License #: CLTV0099	Date Received: 12/14/2023	

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	11.12	1.11
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	182.04	18.20
CBC	0.0024	<LOQ	<LOQ
Total THC		170.77	17.08
Total CBD		0.72	0.07
Total Cannabinoids		201.03	20.10

17.08%	0.07%
Total THC	Total CBD
20.1%	1.11%
Total Cannabinoids	Δ9-THC
10.88%	1 : 0
Percent Moisture	THC : CBD Ratio

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:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC 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 = ±0.006% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: 
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Clovis LLC

Sample ID: Dream Queen

Lot: 3.03

Report Date: 1/2/2024

Matrix: Flower

Date Analyzed: 12/20/2023

Customer ID: 221031-3

Date Sampled: N/A

Analyst: 052

Grower License #: CLTV0099

Date Received: 12/14/2023

Report ID: C231214AP

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.3336



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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Certified by: _____

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Clovis LLC	Sample ID: Composite - DQ, CS, SF, EV, SD	Report Date: 12/28/2023
	Lot: 3	
	Matrix: Flower	Date Analyzed: 12/27/2023
Customer ID: 221031-3	Date Sampled: N/A	Analyst: 045
Grower License #: CLTV0099	Date Received: 12/14/2023	Report ID: C231214AU

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)	Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<LOQ	Ochratoxin A	0.0020	NOT TESTED
Acephate	0.0010	<LOQ	Aflatoxin B1	0.0002	NOT TESTED
Acequinocyl	0.0010	<LOQ	Alfatoxin B2	0.0010	NOT TESTED
Azoxystrobin	0.0010	<LOQ	Alfatoxin G1	0.0002	NOT TESTED
Bifenazate	0.0010	<LOQ	Alfatoxin G2	0.0010	NOT TESTED
Bifenthrin	0.0010	<LOQ			
Carbaryl	0.0010	<LOQ			
Cypermethrin	0.0100	<LOQ			
Etoxazole	0.0010	<LOQ			
Imidacloprid	0.0010	<LOQ			
Myclobutanil	0.0010	<LOQ			
Pyrethrin I	0.0010	<LOQ			
Pyrethrin II	0.0010	<LOQ			
Spinosyn A	0.0010	<LOQ			
Spinosyn D	0.0010	<LOQ			

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

N/A
Percent Moisture



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).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Certificate of Analysis

Company: Clovis LLC

Sample ID: Dream Queen

Lot: 3.03

Report Date: 1/2/2024

Matrix: Flower

Date Analyzed: 12/27/2023

Customer ID: 221031-3

Date Sampled: N/A

Analyst: 049

Grower License #: CLTV0099

Date Received: 12/14/2023

Report ID: C231214AP

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<LOD
STEC	STEC Virx AOAC PTM No. 121203	5	<LOD
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<LOD



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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 Certified by: 
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Clovis LLC

Sample ID: Black Elvis

Lot: 3.15

Report Date: 11/29/2023

Matrix: Flower

Date Analyzed: 11/28/2023

Customer ID: 221031-3

Date Sampled: N/A

Analyst: 011

Grower License #: CLTV0099

Date Received: 11/9/2023

Report ID: C231109AZ

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.82	0.08
CBGA	0.0008	12.36	1.24
CBG	0.0019	0.78	0.08
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	6.96	0.70
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	231.89	23.19
CBC	0.0024	<LOQ	<LOQ
Total THC		210.33	21.03
Total CBD		0.72	0.07
Total Cannabinoids		252.81	25.28

21.03%

Total THC

0.07%

Total CBD

25.28%

 Total
Cannabinoids

0.7%

Δ9-THC

10.92%

 Percent
Moisture

1 : 0

 THC : CBD
Ratio

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:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC 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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



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Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Clovis LLC	Sample ID: Black Elvis	Report Date: 11/29/2023
	Lot: 3.15	Date Analyzed: 11/27/2023
	Matrix: Flower	Analyst: 048
Customer ID: 221031-3	Date Sampled: N/A	Report ID: C231109AZ
Grower License #: CLTV0099	Date Received: 11/9/2023	

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4034



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Clovis LLC	Sample ID: Black Elvis	Report Date: 12/1/2023
	Lot: 3.15	Date Analyzed: 12/1/2023
	Matrix: Flower	Analyst: 048
Customer ID: 221031-3	Date Sampled: N/A	Report ID: C231109AZ
Grower License #: CLTV0099	Date Received: 11/9/2023	

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α-Pinene	0.010	1.107	0.111
Camphene	0.010	0.131	0.013
β-Myrcene	0.010	4.935	0.494
b-Pinene	0.010	1.531	0.153
3-Carene	0.010	0.042	0.004
α-Terpinene	0.010	0.039	0.004
Limonene	0.010	10.667	1.067
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	5.283	0.528
Eucalyptol	0.010	0.016	0.002
γ-Terpinene	0.010	0.022	0.002
Terpinolene	0.010	1.055	0.106
Linalool	0.010	3.137	0.314
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	0.074	0.007
Caryophyllene	0.010	7.142	0.714
α-Humulene	0.010	3.108	0.311
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.020	0.002
α-Bisabolol	0.010	0.071	0.007
Total Terpenes		38.380	3.839

10.92%

 Percent
 Moisture

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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



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 Certified by: Luke E. M.
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Clovis LLC	Sample ID: HL3 PM BP GB RP BE	Report Date: 12/1/2023
	Lot: HL3	Date Analyzed: 11/28/2023
	Matrix: Flower	Analyst: 045
Customer ID: 221031-3	Date Sampled: N/A	Report ID: C2311098A
Grower License #: CLTV0099	Date Received: 11/9/2023	

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (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
Pyrethrin I	0.0010	<LOQ
Pyrethrin II	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)
Ochratoxin A	0.0020	NOT TESTED
Aflatoxin B1	0.0002	NOT TESTED
Alfatoxin B2	0.0010	NOT TESTED
Alfatoxin G1	0.0002	NOT TESTED
Alfatoxin G2	0.0010	NOT TESTED

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

N/A
Percent Moisture



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).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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Certificate of Analysis

Company: Clovis LLC

Sample ID: Black Elvis

Lot: 3.15

Matrix: Flower

Report Date: 1/2/2024

Date Analyzed: 12/27/2023

Customer ID: 221031-3

Date Sampled: N/A

Analyst: 049

Grower License #: CLTV0099

Date Received: 12/14/2023

Report ID: C231214AX

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<LOD
STEC	STEC Virx AOAC PTM No. 121203	5	NOT TESTED
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	NOT TESTED



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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