

Certificate of Analysis

Company: Lukas Greene LLC

Sample ID: Glueberry OG

PO Box 1027

Lot: CLTV0064-002-001

Report Date: 10/30/2023

Montpelier, VT 05601

Matrix: Flower

Date Analyzed: 10/27/2023

Customer ID: 220831-1

Date Sampled: N/A

Analyst: 011

Grower License #: CLTV0064

Date Received: 10/19/2023

Report ID: C231019AF

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.91	0.09
CBGA	0.0008	8.31	0.83
CBG	0.0019	1.47	0.15
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	3.04	0.30
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	256.03	25.60
CBC	0.0024	0.63	0.06
Total THC		227.58	22.76
Total CBD		0.80	0.08
Total Cannabinoids		270.39	27.04

22.76%

Total THC

0.08%

Total CBD

27.04%

Total Cannabinoids

0.3%

Δ9-THC

12.33%

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

Certificate of Analysis

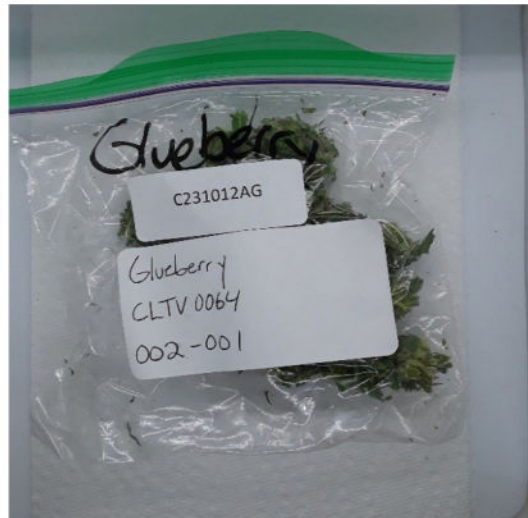
Company: Lukas Greene LLC
 PO Box 1027
 Montpelier, VT 05601
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Sample ID: Glueberry
Lot: CLTV0064 002-001
Matrix: Flower
Date Sampled: N/A
Date Received: 10/12/2023

Report Date: 10/20/2023
Date Analyzed: 10/19/2023
Analyst: 018
Report ID: C231012AG

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