



Certificate of Analysis

Company: Green Mountain Gardens
126 Ski Bowl Rd
Rockingham, VT 05101

Sample ID: Dream Queen
Lot: N/A

Report Date: 11/15/2022

Date Analyzed: 11/12/2022

Customer ID: 221010-1

Matrix: Flower

Analyst: 011

Grower License #: SCLT0110

Date Sampled: N/A

Report ID: C221026AO

Date Received: 10/26/2022

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	46.91	4.69
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	1.45	0.15
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	12.40	1.24
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	207.75	20.77
CBC	0.0024	<LOQ	<LOQ
Total THC		194.60	19.46
Total CBD		41.14	4.11
Total Cannabinoids		268.51	26.85

19.46%

Total THC

4.11%

Total CBD

26.85%

Total
Cannabinoids

1.24%

Δ9-THC

12.04%

Percent
Moisture

1 : 0.2

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.



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 E. M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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C221010AM Pathogen Report.pdf

Bia Diagnostics
Laboratories

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480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis


Company: Green Mountain Gardens
126 Ski Bowl Rd
Rockingham, VT 05101
Customer ID: 221010-1
Grower License #: SCLT0110

Sample ID: Wedding cake x Afghani
Lot: N/A
Matrix: Flower-Dry
Date Sampled: N/A
Date Received: 10/10/2022

Report Date: 10/24/2022
Date Analyzed: 10/20/2022
Analyst: RS
Report ID: C221010AM

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



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Certificate of Analysis

Company: Green Mountain Gardens
126 Ski Bowl Rd
Rockingham, VT 05101
Customer ID: 221010-1
Grower License #: SCLT0110

Sample ID: Wedding Cake x Afghani
Lot: N/A
Matrix: Flower
Date Sampled: N/A
Date Received: 10/10/2022

Report Date: 11/4/2022
Date Analyzed: 10/31/2022
Analyst: 45
Report ID: C221010AM

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

10.71%
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 E. M.
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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