



Certificate of Analysis

Company: Green Mountain Gardens Sample ID: Viking

> Lot: 2023-02 Report Date: 11/6/2023

Matrix: Flower **Date Analyzed: 11/3/2023**

Customer ID: 221010-1 Date Sampled: N/A Analyst: 011

Grower License #: SCLT0110 **Date Received:** 10/23/2023 Report ID: C231023AD

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDA	0.0008	0.62	0.06
CBGA	0.0008	7.47	0.75
CBG	0.0019	1.83	0.18
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THCV	0.0021	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ9-ΤΗС	0.0020	2.58	0.26
Δ8-ΤΗС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	195.47	19.55
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		174.00	17.40
Total CBD		0.54	0.05
Total Cannabinoids		207.97	20.80

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 CBD = (CBDA x 0.877) + CBD Total THC = (THCA x 0.877) + $\Delta 9$ -THC 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. $\Delta 9$ -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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17.4%

Total THC

0.05%

Total CBD

20.8%

Total **Cannabinoids** 0.26%

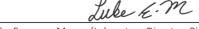
Δ9-ΤΗС

12.16%

Percent Moisture 1:0

THC: CBD Ratio





Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



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Lot: 2023-02 Matrix: Flower

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Customer ID: 221010-1

Date Sampled: N/A

Analyst: 011

Report Date: 11/6/2023

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Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5510



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)