

Certificate of Analysis

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|-----------------------------------|-------------------------------------|---------------------------------|
| Company: Demeters DG LLC | Sample ID: STRAWBERRY BANANA | Report Date: 3/17/2023 |
| PO Box 1218 | Lot: CLTV0068-005-004 | Date Analyzed: 3/16/2023 |
| Brattleboro, VT 05301 | Matrix: Flower | Analyst: 050 |
| Customer ID: 230210-0 | Date Sampled: 2/28/2023 | Report ID: C230315AG |
| Grower License #: CLTV0068 | Date Received: 3/15/2023 | |

Cannabinoid Summary

| Cannabinoid Profile | LOQ (mg/g) | Concentration (mg/g) | Weight (%) |
|---------------------------|------------|----------------------|------------|
| CBDVA | 0.0005 | <LOQ | <LOQ |
| CBDV | 0.0012 | <LOQ | <LOQ |
| CBDA | 0.0008 | 25.66 | 2.57 |
| CBGA | 0.0008 | 4.18 | 0.42 |
| CBG | 0.0019 | 4.48 | 0.45 |
| CBD | 0.0019 | <LOQ | <LOQ |
| THCV | 0.0021 | <LOQ | <LOQ |
| CBN | 0.0013 | <LOQ | <LOQ |
| Δ9-THC | 0.0020 | 2.89 | 0.29 |
| Δ8-THC | 0.0019 | <LOQ | <LOQ |
| THC-A | 0.0034 | 227.93 | 22.79 |
| CBC | 0.0024 | <LOQ | <LOQ |
| Total THC | | 202.78 | 20.28 |
| Total CBD | | 22.50 | 2.25 |
| Total Cannabinoids | | 265.13 | 26.51 |

20.28%

Total THC

2.25%

Total CBD

26.51%

Total Cannabinoids

0.29%

Δ9-THC

11.00%

Percent Moisture

1 : 0.1

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)

Certificate of Analysis

| | | |
|-----------------------------------|------------------------------------|---------------------------------|
| Company: Demeters DG LLC | Sample ID: HARVEST LOT TEST | Report Date: 3/20/2023 |
| PO Box 1218 | Lot: CLTV0068-005 | Date Analyzed: 3/16/2023 |
| Brattleboro, VT 05301 | Matrix: Flower | Analyst: 045 |
| Customer ID: 230210-0 | Date Sampled: 2/28/2023 | Report ID: C230315AH |
| Grower License #: CLTV0068 | Date Received: 3/15/2023 | |

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 |
| Etoazole | 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 |

| |
|-------------------------|
| 11.89% |
| 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: Demeters DG LLC
 PO Box 1218
 Brattleboro, VT 05301
Customer ID: 230210-0
Grower License #: CLTV0068

Sample ID: HARVEST LOT TEST
Lot: CLTV0068-005
Matrix: Flower
Date Sampled: 2/28/2023
Date Received: 3/15/2023

Report Date: 3/22/2023
Date Analyzed: 3/22/2023
Analyst: 018
Report ID: C230315AH

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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