



Customer ID: 221024-0

Grower License #: CLTV0235

## **Certificate of Analysis**

Company: Birdland LLC Sample ID: Something Good

Lot: HL-CLTV0235-1 Report Date: 11/2/2023

Matrix: Flower Date Analyzed: 10/31/2023

Date Sampled: N/A Analyst: 011

Date Received: 10/20/2023 Report ID: C231020AH

## **Cannabinoid Summary**

| Cannabinoid<br>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     | 0.86  | 0.09                |
| CBGA                   | 0.0008     | 16.50   | 1.65                |
| CBG                    | 0.0019     | <loq< th=""><th><loq< th=""></loq<></th></loq<> | <loq< th=""></loq<> |
| 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     | 4.22  | 0.42                |
| Δ8-ΤΗС                 | 0.0019     | <loq< th=""><th><loq< th=""></loq<></th></loq<> | <loq< th=""></loq<> |
| THC-A                  | 0.0034     | 239.84  | 23.98               |
| СВС                    | 0.0024     | <loq< th=""><th><loq< th=""></loq<></th></loq<> | <loq< th=""></loq<> |
| Total THC              |            | 214.57  | 21.46               |
| Total CBD              |            | 0.75  | 0.08                |
| Total Cannabinoids     |            | 261.43  | 26.14               |

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) +  $\Delta 9$ -THC Total CBD = (CBDA x 0.877) + CBD

Ratio of Total CBD: Total THC

Total CBD = (CBDA x 0.877) + CBD 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 =  $\pm 0.005\%$  Total THC MU =  $\pm 0.007\%$ 

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 *Certified by:* samples as received.

21.46%
Total THC

0.08%

**Total CBD** 

26.14% Total

Cannabinoids

0.42%

Δ9-THC

12.52%

Percent Moisture 1:0

THC : CBD Ratio



Luke E.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

(802) 540-0148 laboratory@biadiagnostics.com Certificate Registration Number: CL\_50\_2021\_002



**Customer ID: 221024-0** 

Grower License #: CLTV0235

Office: 802-540-0148 | Fax: 802-540-0147 480 HERCULES DR. COLCHESTER, VT 05446

## **Certificate of Analysis**

Company: Birdland LLC Sample ID: Something Good

Lot: HL-CLTV0235-1

Matrix: Flower

**Date Sampled:** N/A

**Date Received:** 10/20/2023

**Report Date:** 11/2/2023 **Date Analyzed:** 10/25/2023

Analyst: 011

Report ID: C231020AH

## Water Activity Summary

| Test           | Method   | Result |
|----------------|--|--------|
| Water Activity | ASTM D8196: Determination of Water Activity in Cannabis Flower | 0.5594 |



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

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)