Bia Diagnostics Laboratories

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

Certificate of Analysis

Company: Lindies Candies
728 Mud City Loop
Morrisville, VT 05672
Customer ID: 210106-01
Grower License #: #5000000907

Sample ID: Green Worm
Lot: N/A
Matrix: Gummy
Date Sampled: N/A
Date Received: 9/6/2022

Report Date: 9/19/2022
Date Analyzed: 9/14/2022
Analyst: KAC
Report ID: C220906BD

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	0.10	0.01
CBD	0.0019	0.65	0.06
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	0.05	0.01
Δ9-THC	0.0020	1.21	0.12
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
Total THC		1.21	0.12
Total CBD		0.65	0.06
Total Cannabinoids		2.01	0.20

0.12% Total THC	0.06% Total CBD
0.2% Total Cannabinoids	0.12% Δ9-THC
2.293g Sample Weight	1 : 0.5 THC : CBD Ratio

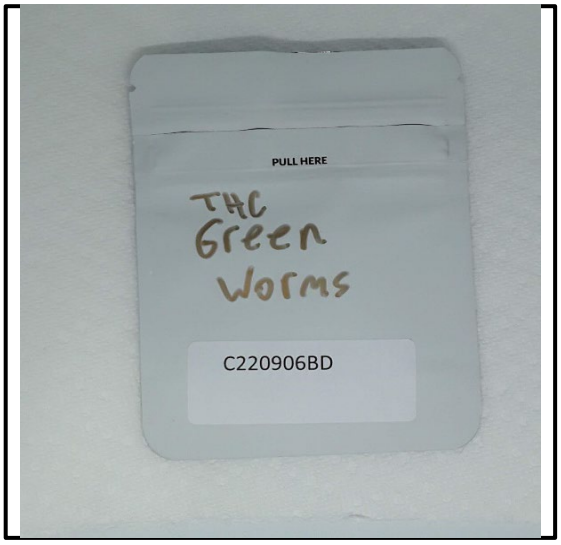
Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

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%



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