Bia Diagnostics Laboratories

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Certificate of Analysis

Company: Holland Cannabis
Sample ID: Milk & Cookies
Lot: 004-002
Matrix: Flower
Date Sampled: N/A
Date Received: 1/25/2023
Customer ID: 220929-0
Grower License #: CLTV0057-01
Report Date: 2/3/2023
Date Analyzed: 2/1/2023
Analyst: 050
Report ID: C230125AE

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.96	0.10
CBGA	0.0008	26.02	2.60
CBG	0.0019	1.29	0.13
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	5.31	0.53
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	285.83	28.58
CBC	0.0024	<LOQ	<LOQ
Total THC		255.99	25.60
Total CBD		0.84	0.08
Total Cannabinoids		319.41	31.94

25.6% **Total THC**	0.08% **Total CBD**
31.94% **Total Cannabinoids**	0.53% **Δ9-THC**
11.07% **Percent Moisture**	1 : 0 **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.

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

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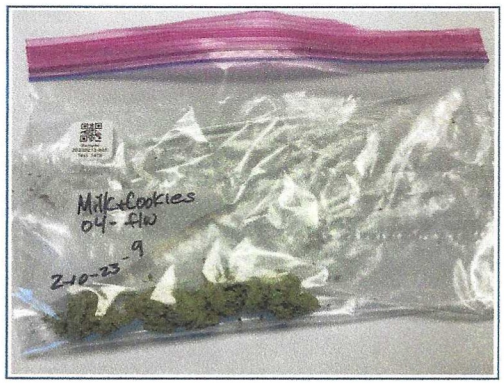
Certificate of Analysis

Client Name: Vermont Cannabis Control Board
License Number: CCB

Sample ID: VT805
Sample Name: Milk and cookies
Sample Lot: 04
Sample Matrix: Flower
Date Received: 2/13/2023
Date Reported: 2/24/2023



Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-VT) - **Limit units: ppm** | Test ID: #1478

Analyte	Pass/Fail	Result (ppm)	Limit (ppm)	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.100	0.00072	0.00240
Abamectin B1b	Pass	ND	0.100	0.00003	0.00010
Acephate	Pass	ND	0.100	0.00060	0.00200
Acequinocyl	Pass	ND	0.100	0.00303	0.01010
Azoxystrobin	Pass	ND	0.100	0.00030	0.00100
Bifenazate	Pass	ND	0.100	0.00030	0.00100
Bifenthrin	Pass	ND	3.000	0.00030	0.00100
Carbaryl	Pass	ND	0.500	0.00030	0.00100
Chlorpyrifos	Pass	ND	0.040	0.00030	0.00100
Cypermethrin	Pass	ND	1.000	0.00150	0.00500
Etoxazole	Pass	ND	0.100	0.00030	0.00100
Imazalil	Pass	ND	0.040	0.00030	0.00100
Imidacloprid	Pass	ND	5.000	0.00060	0.00200
Myclobutanil	Pass	ND	0.100	0.00030	0.00100
Spinosyn A	Pass	ND	0.100	0.00022	0.00072
Spinosyn D	Pass	ND	0.100	0.00060	0.00200
Pyrethrins	Pass	ND	0.500	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman
Lab Director
2/24/2023