

Certificate of Analysis

Company: Tilia Hills

460 Cronin Rd

Fairfield, VT 05455

Customer ID: 221121-0

Grower License #: SCLT0167

Sample ID: Oilspill *indica dominant*
Lot: N/A

Matrix: Flower

Date Sampled: N/A

Date Received: 11/21/2022

Report Date: 12/8/2022

Date Analyzed: 12/6/2022

Analyst: 050

Report ID: C221121AL

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.97	0.10
CBGA	0.0008	25.69	2.57
CBG	0.0019	2.14	0.21
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ 9-THC	0.0020	4.58	0.46
Δ 8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	309.38	30.94
CBC	0.0024	<LOQ	<LOQ
Total THC		275.90	27.59
Total CBD		0.85	0.08
Total Cannabinoids		342.75	34.28

27.59%

Total THC

0.08%

Total CBD

34.28%

Total Cannabinoids

0.46%

Δ 9-THC

11.80%

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) + Δ 9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

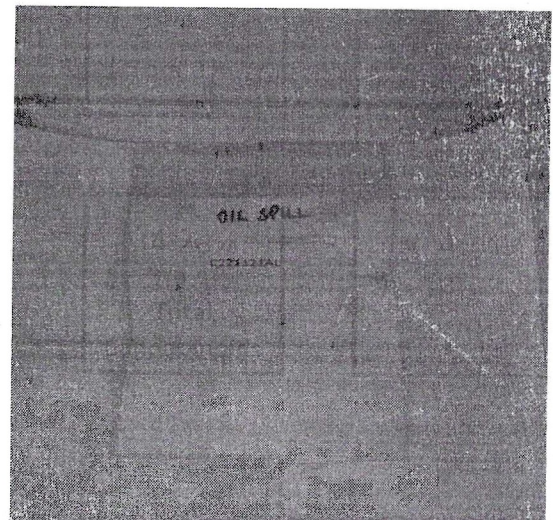
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

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.
 Δ 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 samples as received.

Certified by:

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Tilia Hills 460 Cronin Rd Fairfield, VT 05455	Sample ID: Commingled harvest lot Lot: N/A Matrix: Flower	Report Date: 2/21/2023 Date Analyzed: 2/17/2022 Analyst: 045 Report ID: C230131B1
Customer ID: 221121-0 Grower License #: SCLT0167	Date Sampled: N/A Date Received: 1/31/2023	

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
Etoxazole	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

10.85%
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.

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

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.

Certificate of Analysis

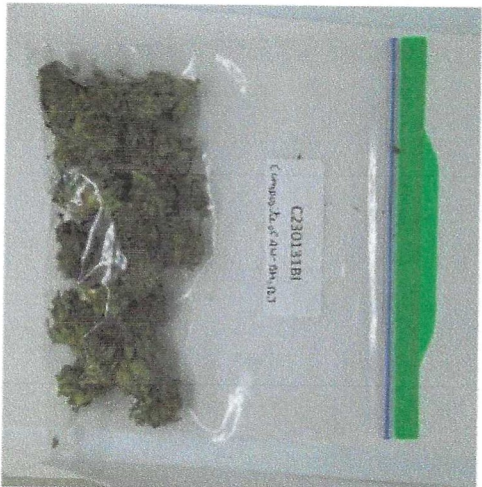
Company: Tilia Hills
460 Cronin Rd
Fairfield, VT 05455
Customer ID: 221121-0
Grower License #: SCLT10167

Sample ID: Commingled harvest lot
Lot: N/A
Matrix: Flower
Date Sampled: N/A
Date Received: 1/31/2023

Report Date: 2/9/2023
Date Analyzed: 2/9/2023
Analyst: 018
Report ID: C230131BI

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

This report shall not be reproduced or used in full without approval of the