Bia Diagnostics Laboratories

Certificate of Analysis

Company: Satori VT

Customer ID: 220620-0

Grower License #: CLTV0067 - MANU0011

Sample ID: Process Lot

Lot: 0067-017SW219-008GM

Matrix: Flower

Date Sampled: N/A

Date Received: 8/17/2023

Report Date: 8/23/2023

Date Analyzed: 8/22/2023

Analyst: 011

Report ID: C230817AO

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.91	0.09
CBGA	0.0008	4.59	0.46
CBG	0.0019	0.52	0.05
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.79	0.18
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	230.99	23.10
CBC	0.0024	<LOQ	<LOQ
Total THC		204.36	20.44
Total CBD		0.80	0.08
Total Cannabinoids		238.79	23.88

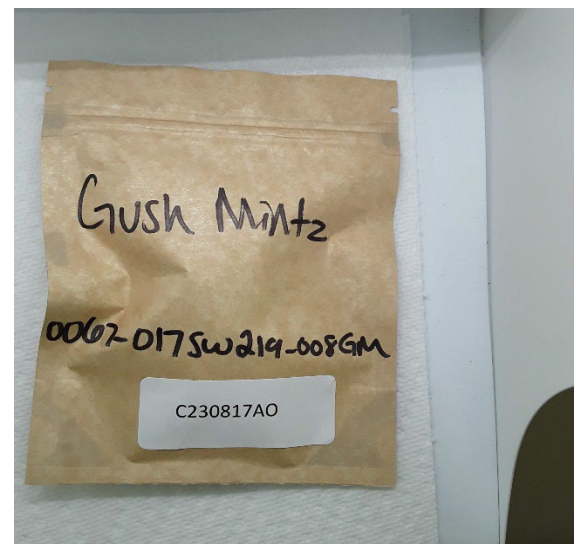| 20.44% **Total THC**	0.08% **Total CBD**
23.88% **Total Cannabinoids**	0.18% **Δ9-THC**
11.44% **Percent Moisture**	1 : 0 **THC : CBD Ratio**

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.

Gush Mintz
0067-017SW219-008GM
C230817AO

Certified by: _Luke E. M_

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Satori VT

Sample ID: Harvest Lot
Lot: 0067-017SW219
Matrix: Flower
Date Sampled: N/A

Report Date: 8/24/2023
Date Analyzed: 8/24/2023
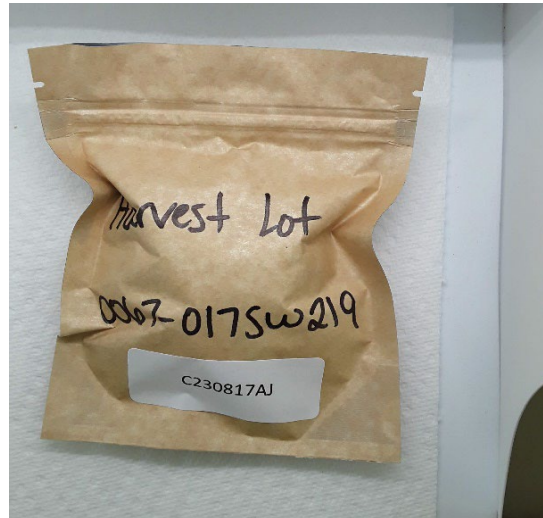**Analyst:** 018

Customer ID: 220620-0
Grower License #: CLTV0067 - MANU0011
Date Received: 8/17/2023
Report ID: C230817AJ

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

(802) 540-0148 laboratory@biadiagnostics.com

Certificate of Analysis

Company: Satori VT

Sample ID: Harvest Lot
Lot: 0067-017SW219
Matrix: Flower
Date Sampled: N/A

Report Date: 8/23/2023
Date Analyzed: 8/23/2023
Analyst: 048

Customer ID: 220620-0
Grower License #: CLTV0067 - MANU0011
Date Received: 8/17/2023
Report ID: C230817AJ

Heavy Metal Summary

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	**0.0269**
Cadmium (Cd)	0.0001	**0.0202**
Mercury (Hg)	0.0001	<LOQ
Lead (Pb)	0.0001	<LOQ
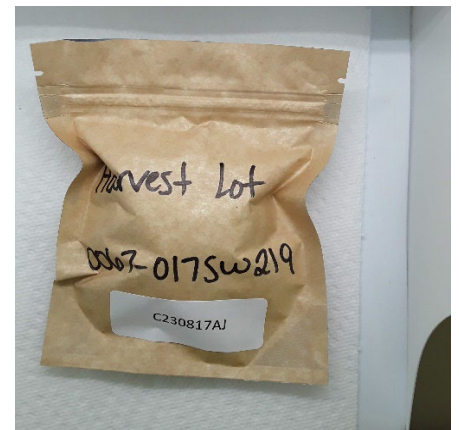
10.88%

Percent Moisture

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

LOQ = The lowest quantity that this method can reliably detect. Any heavy metal 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.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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Certified by: _Luke E. M_

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Certificate of Analysis

Company: Satori VT	**Sample ID:** Harvest Lot	
	Lot: 0067-017SW219	**Report Date:** 8/25/2023
	Matrix: Flower	**Date Analyzed:** 8/24/2023
Customer ID: 220620-0	**Date Sampled:** N/A	**Analyst:** 045
Grower License #: CLTV0067 - MANU0011	**Date Received:** 8/17/2023	**Report ID:** C230817AJ

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

10.88%

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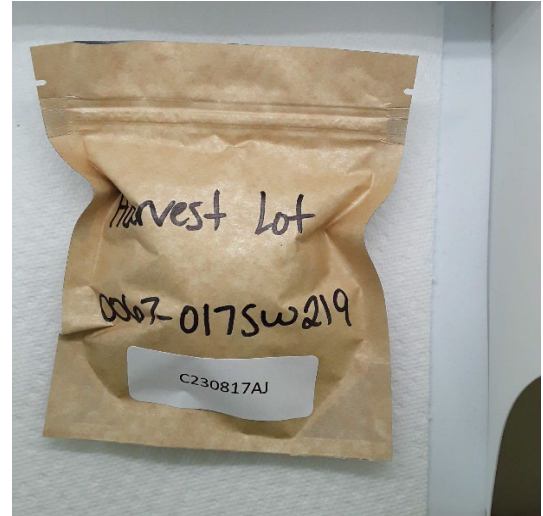
LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

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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Results apply to the samples as received.

Certificate of Analysis

Company: Satori VT

Sample ID: Process Lot

Lot: 0067-017SW219-008GM

Report Date: 8/28/2023

Matrix: Flower

Date Analyzed: 8/22/2023

Customer ID: 220620-0

Date Sampled: N/A

Analyst: 045

Grower License #: CLTV0067 - MANU0011

Date Received: 8/17/2023

Report ID: C230817AO

Terpenes Summary

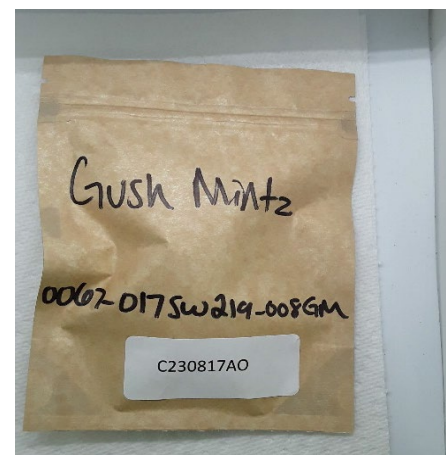| Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	1.765	0.177
Camphene	0.010	0.349	0.035
β-Myrcene	0.010	4.655	0.466
b-Pinene	0.010	3.407	0.341
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	7.511	0.751
ρ-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.043	0.004
ϒ-Terpinene	0.010	0.027	0.003
Terpinolene	0.010	0.223	0.022
Linalool	0.010	4.270	0.427
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	7.603	0.760
α-Humulene	0.010	2.838	0.284
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
α-Bisabolol	0.010	<LOQ	<LOQ
Total Terpenes		32.691	3.270

11.44%

Percent Moisture

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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