Bia Diagnostics Laboratories

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

Certificate of Analysis

Company: Purple Lark Farm
60 Wolf Lane
Richmond, VT 05477
Customer ID: 210121-0
Grower License #: SCLT0030

Sample ID: Black Strawberry Preserve
Lot: SCLT0030_001_005
Matrix: Flower
Date Sampled: N/A
Date Received: 10/28/2022

Report Date: 11/22/2022
Date Analyzed: 11/17/2022
Analyst: 035
Report ID: C221028AS

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.75	0.07
CBGA	0.0008	16.04	1.60
CBG	0.0019	1.78	0.18
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	2.75	0.28
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	184.68	18.47
CBC	0.0024	<LOQ	<LOQ
Total THC		164.71	16.47
Total CBD		0.66	0.07
Total Cannabinoids		205.99	20.60

16.47% **Total THC**	0.07% **Total CBD**
20.6% **Total Cannabinoids**	0.28% **Δ9-THC**
13.26% **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

Company:	Purple Lark Farm	**Sample ID:**	BSP		
	60 Wolf Lane	**Lot:**	SCLT0030_001_005	**Report Date:**	12/13/2022
	Richmond, VT 05477	**Matrix:**	Flower	**Date Analyzed:**	12/13/2022
Customer ID:	210121-0	**Date Sampled:**	N/A	**Analyst:**	050
Grower License #:	SCLT0030	**Date Received:**	11/30/2022	**Report ID:**	C221130BR

Cannabinoid Summary

9.41%
Percent Moisture

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

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Certificate of Analysis

Company: Purple Lark Farm
60 Wolf Lane
Richmond, VT 05477
Customer ID: 210121-0
Grower License #: SCLT0030

Sample ID: Harvest Lot
Lot: SCLT0030_001
Matrix: Flower
Date Sampled: N/A
Date Received: 10/28/2022

Report Date: 11/22/2022
Date Analyzed: 11/22/2022
Analyst: 018
Report ID: C221028AU

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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Certificate of Analysis

Company: Purple Lark Farm
60 Wolf Lane
Richmond, VT 05477
Customer ID: 210121-0
Grower License #: SCLT0030

Sample ID: Harvest Lot
Lot: SCLT0030_001
Matrix: Flower
Date Sampled: N/A
Date Received: 9/30/2022

Report Date: 10/24/2022
Date Analyzed: 10/17/2022
Analyst: KAC
Report ID: C220930AR-2
Amendment to C220930AR

Pesticides/Mycotoxins Summary

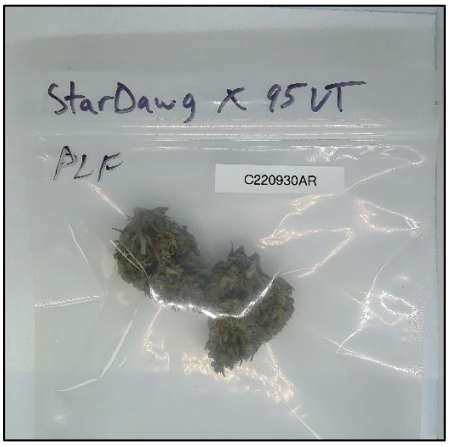
Category II Residual Pesticide	LOQ (ppb)	Concentration (ppb)
Abamectin	10.0	<LOQ
Acephate	1.0	<LOQ
Acequinocyl	1.0	<LOQ
Azoxystrobin	1.0	<LOQ
Bifenazate	1.0	<LOQ
Bifenthrin	1.0	<LOQ
Carbaryl	1.0	<LOQ
Cypermethrin	10.0	<LOQ
Etoxazole	1.0	<LOQ
Imidacloprid	1.0	<LOQ
Myclobutanil	1.0	<LOQ
Pyrethrin I	1.0	<LOQ
Pyrethrin II	1.0	<LOQ
Spinosyn A	1.0	<LOQ
Spinosyn D	1.0	<LOQ

Category II Mycotoxin	LOQ (ppb)	Concentration (ppb)
Ochratoxin A	2.0	<LOQ
Aflatoxin B1	0.2	<LOQ
Alfatoxin B2	1.0	<LOQ
Alfatoxin G1	0.2	<LOQ
Alfatoxin G2	1.0	<LOQ

Category I Residual Pesticide	LOQ (ppb)	Concentration (ppb)
Chlorpyrifos	1.0	<LOQ
Imazalil	1.0	<LOQ

12.62%

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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