



Certificate of Analysis



220215
Matrix: Topical
Accession Number: 022422UD0006
Harvest/Lot ID:
Seed to Sale: *
Batch Date: 02/24/22
Batch #:
Sample Size Received: 1 units
Retail Product Size:
Ordered: 02/24/22
Completed: 03/02/22
Expires: 03/01/23
Sampling Method: SOP Client Method

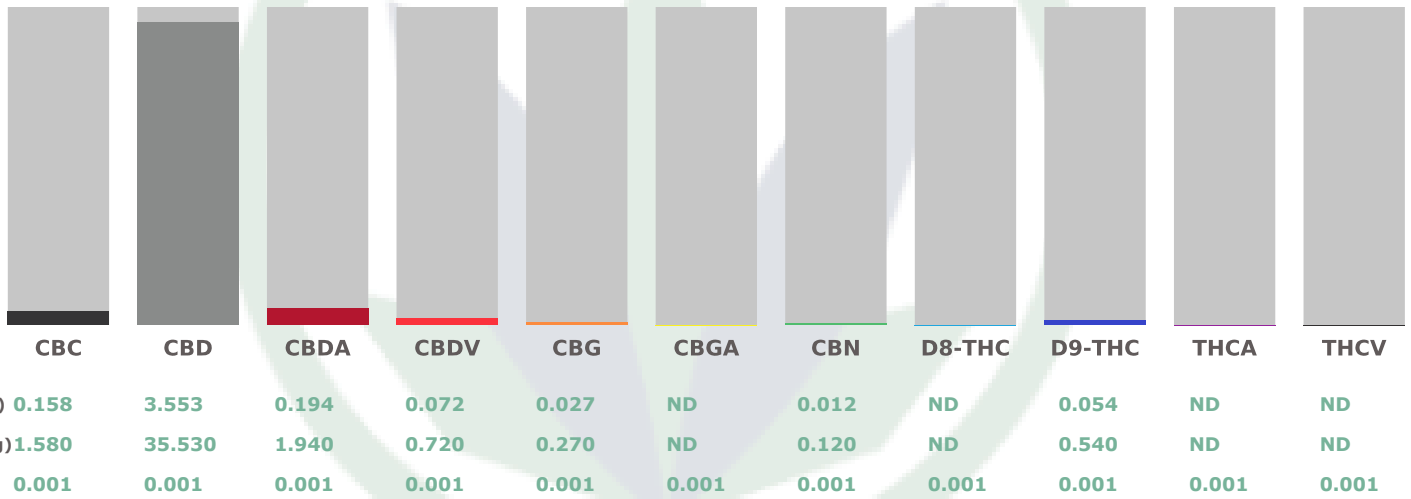
Mar 02, 2022 | Botanical Processing LLC

Louisville, Kentucky,
 (502) 742-7151



CANNABINOID RESULTS

Total THC 0.054%	Total CBD 3.723%	Total Cannabinoids 4.046%
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Analyzed by	Date	Instrument used	Analysis Method
TW	03/01/2022	Shimadzu HPLC w/ PDA	SOP.KY.02.012

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SOP.KY.02.005 for sample prep and SOP.KY.02.012 for analysis. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. **Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa*0.877) Total CBD = CBD + (CBDA*0.877)

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Daniel Burriss
 Lab Director
 State License # 19-05-02P
 ISO/IEC 17025:2017

03/02/22



Accreditation 113856

Signature

Signed On



Certificate of Analysis

Botanical Processing LLC

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Telephone: (502) 742-7151
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220215
Matrix: Topical
Accession Number: 032122UD0026
Harvest/Lot ID:
Seed to Sale: *
Batch Date: 03/21/22
Batch #:
Sample Size Received: 1 units
Retail Product Size:
Ordered: 03/21/22
Completed: 03/25/22
COA Expires: 03/24/23
Sampling Method: SOP Client Method

Mycotoxins	PASSED
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Analyte	LLOQ	Result	Units	Action Level	Pass / Fail	Analyte	LLOQ	Result	Units	Action Level	Pass / Fail
Aflatoxin B1	0.001	ND	ppm	0.2	PASS	Aflatoxin B2	0.001	ND	ppm	0.2	PASS
Aflatoxin G1	0.001	ND	ppm	0.2	PASS	Aflatoxin G2	0.001	ND	ppm	0.2	PASS
Ochratoxin A+	0.001	ND	ppm	0.2	PASS						

Analyzed by	Date	Instrument used	Analysis Method
DB	03/23/2022	Shimadzu LCMSMS 8060	SOP.KY.02.022

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC/MS/MS. (Method: SOP.KY.02.022)

Heavy Metals	PASSED
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Metal	LLOQ	Result	Unit	Action Level	Pass / Fail
Arsenic	0.2	ND	ppm	2	PASS
Cadmium	0.2	ND	ppm	2	PASS
Lead	0.2	ND	ppm	5	PASS
Mercury	0.2	ND	ppm	1	PASS

Analyzed by	Date	Instrument used	Analysis Method
DB	03/23/2022	Shimadzu ICP/MS	SOP.KY.02.020

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen for toxic heavy metals (Arsenic, Cadmium, Lead, and Mercury). (Method SOP.KY.02.020)

Microbials	PASSED
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Analyte	Result
Aspergillus Flavus	not present in 1 gram.
Aspergillus Fumigatus	not present in 1 gram.
Aspergillus Niger	not present in 1 gram.
Aspergillus Terreus	not present in 1 gram.
E. Coli	not present in 1 gram.
Salmonella	not present in 1 gram.

Analyzed by	Date	Instrument used	Analysis Method
TW	03/24/2022	PathogenDX	SOP.KY.02.018

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.KY.02.018) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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03/25/22



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Signature

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