



**Phyto-farma Labs**  
49 John Hicks Drive  
Warwick, NY 10990  
Permit#: OCMPPPL-2022-00004  
Phone: 845-988-0937

Compliance

# Certificate Of Analysis

**Client Name:** Back Home Farm  
**Address:** 2387 Lucas Turnpike  
High Falls, NY 12440  
**Phone:** 7326736442  
**License Number:** OCM-AUCC-22-000208

**Sample ID:** 863  
**Sample Name:** LOBO: Flower - Purple Punch  
**Regulatory Category:** Adult Use  
**Sample Matrix:** Un-Extracted  
**Sample Type:** Inhalation  
**Sample Date:**  
**Sample Method:**  
**Sample Technician:**

## Results Summary

Cannabinoids Profile	
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Cannabinoids Profile	
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Mycotoxins	PASS
Pesticides	PASS
Trace Metals	PASS

This is a Phyto-farma certification that relates only to the material tested and shall not be reproduced, unless in its entirety, without written approval from Phyto-farma. Test results are confidential, unless explicitly waived. The product represented has been tested by Phyto-farma Labs using validated scientific methodologies. Note action levels are state determined thresholds for human safety and consumption. Acronym Definitions: ND - Not Detected, LOD - Limit of Detection, LOQ - Limit of Quantification are terms used to describe the reliably measured smallest concentrations. CFU - Colony Forming Units.

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 12/20/2022

**Method:** NYS DOH-300/NYS  
DOH-301/NY.SOP.T.40.020

**Analyst:** Stephanie Knapp

Analyte	Result (%w/w)	LOD	LOQ	Result (mg/serving)
Δ8-THC†	<LOD	0.1	0.4	<LOD
Δ9-THC†	<LOQ	0.1	0.4	<LOQ
Δ10-THC†	COMING SOON!			
Tetrahydrocannabinolic acid (THCA)†	23.96	0.1	0.4	838.6
Tetrahydrocannabivarin (THCV)	<LOD	0.1	0.4	<LOD
Cannabidiol (CBD)	<LOD	0.1	0.4	<LOD
Cannabinadiolic acid (CBDA)	<LOD	0.1	0.4	<LOD
Cannabidivarin (CBDV)	<LOD	0.1	0.4	<LOD
Cannabinol (CBN)	<LOD	0.1	0.4	<LOD
Cannabigerol (CBG)	<LOD	0.1	0.4	<LOD
Cannabigerolic acid (CBGA)	<LOQ	0.1	0.4	<LOQ
Cannabichromene (CBC)	<LOD	0.1	0.4	<LOD
Total Tetrahydrocannabinol (THC)†	22.11			735.45

*Analysis Instrument*

*3-HPLC*

V125.13

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 12/20/2022

**Method:** NYS DOH-300/NYS  
DOH-301/NY.SOP.T.40.020

**Analyst:** Stephanie Knapp

Analyte	Result (%w/w)	LOD	LOQ	Result (mg/serving)
Δ8-THC†	<LOD	0.1	0.4	<LOD
Δ9-THC†	<LOQ	0.1	0.4	<LOQ
Δ10-THC†	COMING SOON!			
Tetrahydrocannabinolic acid (THCA)†	23.81	0.1	0.4	833.28
Tetrahydrocannabivarin (THCV)	<LOD	0.1	0.4	<LOD
Cannabidiol (CBD)	<LOD	0.1	0.4	<LOD
Cannabinadiolic acid (CBDA)	<LOD	0.1	0.4	<LOD
Cannabidivarin (CBDV)	<LOD	0.1	0.4	<LOD
Cannabinol (CBN)	<LOD	0.1	0.4	<LOD
Cannabigerol (CBG)	<LOD	0.1	0.4	<LOD
Cannabigerolic acid (CBGA)	<LOQ	0.1	0.4	<LOQ
Cannabichromene (CBC)	<LOD	0.1	0.4	<LOD
Total Tetrahydrocannabinol (THC)†	21.98			730.79

*Analysis Instrument*

*3-HPLC*

V125.13

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 12/20/2022

**Method:** NYS DOH-300/NYS  
DOH-301/NY.SOP.T.40.020

**Analyst:** Stephanie Knapp

Analyte	Result (%w/w)	LOD	LOQ	Result (mg/serving)
Δ8-THC†	<LOD	0.1	0.4	<LOD
Δ9-THC†	<LOQ	0.1	0.4	<LOQ
Δ10-THC†	COMING SOON!			
Tetrahydrocannabinolic acid (THCA)†	23.21	0.1	0.4	812.34
Tetrahydrocannabivarin (THCV)	<LOD	0.1	0.4	<LOD
Cannabidiol (CBD)	<LOD	0.1	0.4	<LOD
Cannabinadiolic acid (CBDA)	<LOD	0.1	0.4	<LOD
Cannabidivarin (CBDV)	<LOD	0.1	0.4	<LOD
Cannabinol (CBN)	<LOD	0.1	0.4	<LOD
Cannabigerol (CBG)	<LOD	0.1	0.4	<LOD
Cannabigerolic acid (CBGA)	<LOQ	0.1	0.4	<LOQ
Cannabichromene (CBC)	<LOD	0.1	0.4	<LOD
Total Tetrahydrocannabinol (THC)†	21.42			712.42

*Analysis Instrument*

*3-HPLC*

V125.13

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 12/20/2022

**Method:** NYS DOH-300/NYS  
DOH-301/NY.SOP.T.40.020

**Analyst:** Stephanie Knapp

Analyte	Result (%w/w)	LOD	LOQ	Result (mg/serving)
$\Delta$ 8-THC†	<LOD	0.1	0.4	<LOD
$\Delta$ 9-THC†	<LOQ	0.1	0.4	<LOQ
$\Delta$ 10-THC†	COMING SOON!			
Tetrahydrocannabinolic acid (THCA)†	22.81	0.1	0.4	798.46
Tetrahydrocannabivarin (THCV)	<LOD	0.1	0.4	<LOD
Cannabidiol (CBD)	<LOD	0.1	0.4	<LOD
Cannabinadiolic acid (CBDA)	<LOD	0.1	0.4	<LOD
Cannabidivarin (CBDV)	<LOD	0.1	0.4	<LOD
Cannabinol (CBN)	<LOD	0.1	0.4	<LOD
Cannabigerol (CBG)	<LOD	0.1	0.4	<LOD
Cannabigerolic acid (CBGA)	<LOQ	0.1	0.4	<LOQ
Cannabichromene (CBC)	<LOD	0.1	0.4	<LOD
Total Tetrahydrocannabinol (THC)†	21.05			700.25

*Analysis Instrument*

*3-HPLC*

V125.13

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 12/20/2022

**Method:** NYS DOH-300/NYS  
DOH-301/NY.SOP.T.40.020

**Analyst:** Stephanie Knapp

Analyte	Result (%w/w)	LOD	LOQ	Result (mg/serving)
Δ8-THC†	<LOD	0.1	0.4	<LOD
Δ9-THC†	<LOQ	0.1	0.4	<LOQ
Δ10-THC†		COMING SOON!		
Tetrahydrocannabinolic acid (THCA)†	20.1	0.1	0.4	703.38
Tetrahydrocannabivarin (THCV)	<LOD	0.1	0.4	<LOD
Cannabidiol (CBD)	<LOD	0.1	0.4	<LOD
Cannabinadiolic acid (CBDA)	<LOD	0.1	0.4	<LOD
Cannabidivarin (CBDV)	<LOD	0.1	0.4	<LOD
Cannabinol (CBN)	<LOD	0.1	0.4	<LOD
Cannabigerol (CBG)	<LOD	0.1	0.4	<LOD
Cannabigerolic acid (CBGA)	<LOQ	0.1	0.4	<LOQ
Cannabichromene (CBC)	<LOD	0.1	0.4	<LOD
Total Tetrahydrocannabinol (THC)†	18.56			616.86

*Analysis Instrument*

*3-HPLC*

V125.13

# Certificate Of Analysis

## Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)

**PASS**

Date analyzed: 12/19/2022

Method: NY.SOP.T.040.170

Analyst: Lindsey Vento

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Escherichia coli specific gene	Bacteria	Not Detected	PASS
Escherichia coli/Shigella species	Bacteria	Not Detected	PASS
Salmonella species	Bacteria	Not Detected	PASS
stx1 gene (Shiga Toxin Gene 1)	Bacteria	Not Detected	PASS
stx2 gene (Shiga Toxin Gene 2)	Bacteria	Not Detected	PASS
Aspergillus flavus	Fungal	Not Detected	PASS
Aspergillus niger	Fungal	Not Detected	PASS
Aspergillus terreus	Fungal	Not Detected	PASS
Aspergillus fumigatus	Fungal	Not Detected	PASS
Overall Status			PASS

Analysis Instrument

PathogenDX-Sensovation AG 33

V133.6

## Mycotoxins

**PASS**

Date analyzed: 12/22/2022

Method: NYS DOH MML-303

Analyst: Alicia Caruso-Thomas

Analyte	Result (µg/g)	LOD	LOQ	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOD	0.0002	0.001	0.02	PASS
Aflatoxin B2	<LOD	0.0003	0.0015	0.02	PASS
Aflatoxin G1	<LOQ	0.0002	0.0009	0.02	PASS
Aflatoxin G2	<LOD	0.0004	0.0018	0.02	PASS
Sum of Aflatoxins	0	-	-	0.02	PASS
Ochratoxin A	<LOD	0.0004	0.0021	0.02	PASS
Overall Status					PASS

Analysis Instrument

30 LC-MS TQ

V141.3

# Certificate Of Analysis

## Pesticides

**PASS**

Date analyzed: 12/24/2022

Method: NY.SOP.T.040.230

Analyst: Alicia Caruso-Thomas

Analyte	Result (µg/g)	LOD	LOQ	Allowable Limit	Pass/Fail
Azadirachtin	<LOD	0.122	0.365	1	PASS
Cinerin I†	<LOD	0.008	0.023	-	-
Indole-3-butyric Acid	<LOD	1.000	1.261	1	PASS
Jasmolin I†	<LOQ	0.008	0.023	-	-
Myclobutanil	<LOD	0.200	0.299	0.2	PASS
Piperonyl butoxide	<LOD	0.068	0.205	2	PASS
Pyrethrin I†	<LOD	0.143	0.429	-	-
Total Pyrethrins†	0			1	PASS
				Overall Status	PASS

Analysis Instrument 30 LC-MS TQ

V144.3

## Trace Metals

**PASS**

Date analyzed: 12/25/2022

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

Analyte	Result (µg/g)	LOD	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOD	0.042	0.126	2	PASS
Arsenic (As)	<LOQ	0.024	0.072	0.2	PASS
Cadmium (Cd)	0.138	0.021	0.063	0.3	PASS
Chromium (Cr)	0.321	0.300	0.357	110	PASS
Copper (Cu)	20.551	0.131	0.393	30	PASS
Lead (Pb)	<LOQ	0.026	0.078	0.5	PASS
Mercury (Hg)	<LOD	0.004	0.012	0.1	PASS
Nickel (Ni)	1.096	0.036	0.108	2	PASS
				Overall Status	PASS

Analysis Instrument 1 ICP-MS





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Warwick, NY 10990  
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Compliance

# Certificate Of Analysis

*Alicia Caruso-Thomas*

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Alicia Caruso-Thomas  
Laboratory Director  
12/28/2022