



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

Compliance

# Certificate Of Analysis

## Results Summary

Average Cannabinoid Profile	
Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Mycotoxins	PASS
Residual Solvents	PASS

**Client Name:** NYHO Labs LLC  
**Contact Name:** Michael Stoker  
**Address:** 185 Main St  
 Cortland, NY 13045  
**Phone:** 607-821-1182  
**License Number:** OCM-AUCP-22-000003

**Sample Description:** Durban Poison  
**Lot Number:** VA00037  
**Regulatory Category:** Adult Use  
**Sample Matrix:** Extracted  
**Delivery Method:** Inhalation  
**Sample Type:** Concentrate  
**Sample Subtype:** vape formulation  
**Sampling Site:** 185 Main St Cortland, NY 13045  
**Sampling Date and Time:** 09/07/2023 11:32 AM

# Certificate Of Analysis

## Average Cannabinoid Profile

**Date analyzed:** 09/12/2023

**Method:** NY.SOP.T.40.260

**Analyst:** Stephanie Knapp

**Date started:** 09/12/2023 10:57 AM

Analyte	Average (%w/w)	mg/serving	Standard Deviation (mg/serving)	Homogeneity Pass/Fail*	LOQ (%w/w)
Δ8-THC†	<LOQ	<LOQ	-	-	0.02
Δ9-THC†	93.64	936.42	16.68	<b>PASS</b>	0.02
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.02
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabinolic acid (THCA)†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabivarin (THCV)	<LOQ	<LOQ	-	-	0.02
Cannabidiol (CBD)*	<LOQ	<LOQ	-	-	0.02
Cannabinadiolic acid (CBDA)*	<LOQ	<LOQ	-	-	0.02
Cannabidivarin (CBDV)	<LOQ	<LOQ	-	-	0.02
Cannabinol (CBN)	<LOQ	<LOQ	-	-	0.02
Cannabigerol (CBG)	1.8	18	0.3	<b>PASS</b>	0.02
Cannabigerolic acid (CBGA)	<LOQ	<LOQ	-	-	0.02
Cannabichromene (CBC)	<LOQ	<LOQ	-	-	0.02
†Total Tetrahydrocannabinol (THC)	93.64	936.42	16.68	<b>PASS</b>	N/A
*Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A
<b>Overall Status</b>				<b>PASS</b>	

\*Pass if the concentration of individual samples is ±25% of the mean concentration

V158.21



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# Certificate Of Analysis

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

**PASS**

Date analyzed: 09/13/2023

Method: NYS.SOP.T.40.273

Analyst: Lindsey Vento

Date started: 09/11/2023 11:04 AM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacteria	Not Detected	PASS
Salmonella species	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

125 Agilent AriaMx Real-time PCR System

V182.2

## Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

**PASS**

Date analyzed: 09/13/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 09/11/2023 10:38 AM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
<LOQ	5	10000	PASS

Analysis Instrument

87 Colony Counter

V149.7

# Certificate Of Analysis

## Microbial Impurities (Total Yeast and Mold/CDP-YMR)

**PASS**

Date analyzed: 09/11/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 09/08/2023 08:43 AM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	<LOQ	5	1000	PASS
Yeast Count	<LOQ	5	1000	PASS
Total Yeast and Mold	<LOQ		1000	PASS
			Overall Status	PASS
<i>Analysis Instrument</i>	<i>87 Colony Counter</i>			

V150.9

## Mycotoxins

**PASS**

Date analyzed: 09/18/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 09/07/2023 07:25 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	<LOQ	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	<LOQ	0.002	0.02	PASS
Sum of Aflatoxins	0	-	0.02	PASS
Ochratoxin A	<LOQ	0.002	0.02	PASS
			Overall Status	PASS
<i>Analysis Instrument</i>	<i>30 LC-MS TQ</i>			

V141.3

# Certificate Of Analysis

## Residual Solvents

**PASS**

**Date analyzed:** 09/13/2023

**Method:** NYS.SOP.T.040.272

**Analyst:** Destiny Ribadeneyra

**Date started:** 09/11/2023 11:28 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	<LOQ	0.67	5	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	<LOQ	21.68	5000	PASS
Acetone (2-Propanone)	<LOQ	15.9	5000	PASS
Acetonitrile	<LOQ	0.85	410	PASS
Benzene	<LOQ	0.71	2	PASS
Butanes, Total	<LOQ	0.35	5000	PASS
Chloroform	<LOQ	0.54	60	PASS
Dichloromethane (Methylene chloride)	<LOQ	1.07	600	PASS
Dimethyl sulfoxide (DMSO)	<LOQ	0.66	5000	PASS
Ethanol (Ethyl alcohol)	<LOQ	10.02	5000	PASS
Ethyl acetate (Acetic acid ethyl ester)	<LOQ	18.45	5000	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	<LOQ	0.44	5000	PASS
Heptane (n-Heptane)	<LOQ	0.36	5000	PASS
Hexanes, Total	<LOQ	0.39	290	PASS
Methanol (Methyl alcohol)	<LOQ	2.47	3000	PASS
Pentanes, Total	<LOQ	0.37	5000	PASS
Propane	<LOQ	0.53	5000	PASS
Toluene (Methylbenzene)	<LOQ	2.34	890	PASS
Trichloroethane (1,1,1-)	<LOQ	0.41	1500	PASS
Xylenes, Total (ortho-, meta-, para-)	<LOQ	2.65	2170	PASS
Overall Status				PASS

Analysis Instrument

148 HS-GCMS-QP2020 NX\_2

V148.9



**Phyto-Farma Labs**  
a Smithers company

**Phyto-farma Labs**

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Phone: 845-988-0937

Compliance

# Certificate Of Analysis

Sample Comment:	See attached reports for individual cartridge results. Reissued after verifying and correcting potency.
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*Alicia Caruso-Thomas*

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Alicia Caruso-Thomas  
Laboratory Director  
10/02/2023



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Phone: 845-988-0937

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# Certificate Of Analysis

## Results Summary

Trace Metals

PASS

**Client Name:** NYHO Labs LLC

**Contact Name:** Michael Stoker

**Address:** 185 Main St  
Cortland, NY 13045

**Phone:** 607-821-1182

**License Number:** OCM-AUCP-22-000003

**Sample Description:** Durban Poison

**Lot Number:** VA00037-OVL

**Regulatory Category:** Adult Use

**Sample Matrix:** Extracted

**Delivery Method:** Inhalation

**Sample Type:** Concentrate

**Sample Subtype:** vape cartridge

**Sampling Site:** 185 Main St Cortland, NY 13045

**Sampling Date and Time:** 09/07/2023 11:44 AM

# Certificate Of Analysis

## Trace Metals

**PASS**

**Date analyzed:** 09/18/2023

**Method:** NY.SOP.T.40.050

**Analyst:** Kyle Rappaport

**Date started:** 09/08/2023 02:15 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	<LOQ	0.07	0.2	PASS
Cadmium (Cd)	<LOQ	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	<LOQ	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	0.2	0.11	2	PASS
Overall Status				PASS

Analysis Instrument

Subcontracted

Sample Comment: Metals test subcontracted due to instrument shutdown.



Kyle Rappaport  
Quality Director  
09/19/2023





50A Rose Pl, Garden City Park, NY 11040  
Permit # NYS OCM CPL-2022-00003

### Certificate of Analysis

<b>Accession:</b> 24370	<b>Organization:</b> Phyto-farma Labs	<b>Collection Date:</b> 9/12/2023 12:00 AM
<b>External No:</b> 2309TLN0060.0119	(845)202-0632	<b>Received Date:</b> 9/13/2023 12:12 PM
<b>Work Order:</b> 2309TLN0060	49 John Hicks Drive	<b>Reported Date:</b> 9/15/2023 5:48 PM
<b>Work Order Code:</b> 2309TLN0060	Warwick, NY 10990	<b>Report Status:</b> FINAL
<b>License Designation:</b> Other	<b>Category:</b> Concentrates & Extracts	<b>Type:</b> Other
<b>Strain Name:</b> N/A	<b>Sample Name:</b> Digested and Filtered Metals	<b>Lot ID:</b> 1220/2594/21814
<b>Dose size:</b> n/a		

### Heavy Metals Testing

**Trace / Heavy Metals** Run by SH on 9/15/2023 4:14:29 PM at Location: TALON

Method ID: TA-101

Samples are pooled as needed for testing. For these tests, only one result is reported to represent all samples received.

Test	ppm	Status	Limit	LOQ (ppm)
Antimony	<LOQ	PASS	<2.0	0.1
Arsenic	<LOQ	PASS	<0.2	0.1
Cadmium	<LOQ	PASS	<0.3	0.1
Chromium	<LOQ	PASS	<110.0	0.1
Copper	<LOQ	PASS	<30.0	0.1
Lead	<LOQ	PASS	<0.5	0.1
Mercury	<LOQ	PASS	<0.10	0.01
Nickel	0.2	PASS	<2.0	0.1

Reviewed By: \_\_\_\_\_

Vitrano Stocker, Brynn

Panel Name: Trace / Heavy Metals

Approved: 9/15/2023 5:47 PM

**Disclaimers:**

- 1: Testing was performed in conformance with NYS OCM & ISO 17025:2017 regulations and standards.
- 2: The results in this report relate only to the sample as received.
- 3: This certificate of analysis shall not be reproduced, except in full, without the written consent of the laboratory.

**Definitions:**

LOQ - Limit of Quantitation; minimum concentration that can be quantitatively reported.  
Limit - Refers to the regulatory limit set forth by NYS OCM.

**Laboratory Contact Information**

E-mail: info@talonanalytical.com

Phone: (888) 201-0957

ISO 17025:2017 Cert. 5722.1 (Biological) 5722.2 (Chemical)



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# Certificate Of Analysis

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PASS

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**Contact Name:** Michael Stoker

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**Phone:** 607-821-1182

**License Number:** OCM-AUCP-22-000003

**Sample Description:** Durban Poison

**Lot Number:** VA00037-1G

**Regulatory Category:** Adult Use

**Sample Matrix:** Extracted

**Delivery Method:** Inhalation

**Sample Type:** Concentrate

**Sample Subtype:** vape cartridge

**Sampling Site:** 185 Main St Cortland, NY 13045

**Sampling Date and Time:** 09/07/2023 11:58 AM

# Certificate Of Analysis

## Trace Metals

**PASS**

**Date analyzed:** 09/18/2023

**Method:** NY.SOP.T.40.050

**Analyst:** Kyle Rappaport

**Date started:** 09/08/2023 02:15 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	<LOQ	0.07	0.2	PASS
Cadmium (Cd)	<LOQ	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	0.2	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	0.4	0.11	2	PASS
Overall Status				PASS

*Analysis Instrument*

Subcontracted

Sample Comment: Metals test subcontracted due to instrument shutdown.



Kyle Rappaport  
Quality Director  
09/19/2023



50A Rose Pl, Garden City Park, NY 11040  
Permit # NYS OCM CPL-2022-00003

### Certificate of Analysis

<b>Accession:</b> 24371	<b>Organization:</b> Phyto-farma Labs	<b>Collection Date:</b> 9/12/2023 12:00 AM
<b>External No:</b> 2309TLN0060.0120	(845)202-0632	<b>Received Date:</b> 9/13/2023 12:12 PM
<b>Work Order:</b> 2309TLN0060	49 John Hicks Drive	<b>Reported Date:</b> 9/15/2023 5:48 PM
<b>Work Order Code:</b> 2309TLN0060	Warwick, NY 10990	<b>Report Status:</b> FINAL
<b>License Designation:</b> Other	<b>Category:</b> Concentrates & Extracts	<b>Type:</b> Other
<b>Strain Name:</b> N/A	<b>Sample Name:</b> Digested and Filtered Metals	<b>Lot ID:</b> 1220/2595/21815
<b>Dose size:</b> n/a		

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Arsenic	<LOQ	PASS	<0.2	0.1
Cadmium	<LOQ	PASS	<0.3	0.1
Chromium	<LOQ	PASS	<110.0	0.1
Copper	0.2	PASS	<30.0	0.1
Lead	<LOQ	PASS	<0.5	0.1
Mercury	<LOQ	PASS	<0.10	0.01
Nickel	0.4	PASS	<2.0	0.1

Reviewed By: \_\_\_\_\_

Vitrano Stocker, Brynn

Panel Name: Trace / Heavy Metals

Approved: 9/15/2023 5:47 PM

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**Laboratory Contact Information**

E-mail: info@talonanalytical.com

Phone: (888) 201-0957

ISO 17025:2017 Cert. 5722.1 (Biological) 5722.2 (Chemical)

# Phyto-Farma Labs

49 John Hicks Dr, Warwick, NY, 10990

mpedone@phytofarmalabs.com

845-202-0419

License #: OCM-CPL-2022-00004

# Certificate of Analysis

Final



Date Released: 9/19/2023 12:31:22PM

Report #: 2998



## 2593

Sample #: 2454, Weight: 0.99g, Unit Count:

Order #: X230908-0002

Category/Type: Concentrates & Extract, Vape Cartridge

Date Collected: 9/8/2023 5:21:20PM

Date Received: 9/11/2023 8:31:20PM

Regulator Sample ID: 2593

Regulator Source Package ID: 1213

Regulator Batch ID: 21810

Size: Not Provided, Unit Count:

## Pesticides by LCMSMS

Pass

Analysis Date: 09/15/2023 11:03 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	0.263	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlormequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E

Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director





Sample #: 2454

2593

## Pesticides by LCMSMS

Pass

Analysis Date: 09/15/2023 11:03 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass

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Permit #: OCM-CPL-2022-00007

*Kelly N. Greenland*

Dr. Kelly Greenland, Lab Director





Sample #: 2454

2593

## Pesticides by LCMSMS

Pass

Analysis Date: 09/15/2023 11:03 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Methomyl	0.0100	0.4	ND	Pass
Mevinphos	0.0100	1	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

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Dr. Kelly Greenland, Lab Director

