

Address: 37 Huntington Street

Cortland, NY 13045

Contact Name: Geoffrey Brown

Contact Phone:

License #: OCM-AUCP-22-000003

Sample ID: 4485

Certificate: 4485.1



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

## SCANDALOUS Infused Dark Chocolate w/Quinoa

Lot #: CH041624 Sample ID: 4485

Regulatory Category: Adult Use

**Received:** 04/17/2024

Sampling Location: 37 Huntignton St

Cortland, NY 13045

**Lot Size:** 2357

Sample Type: Edible

Amount Received: 13 units

Sample Collected: 04/16/2024 11:39 AM

Published: 04/23/2024



### **COMPLIANCE FOR RETAIL**

**Cannabinoid Profile** 

**Not Tested** 

Average Cannabinoid Profile

**Pass** 

**Terpenes Total** 

**Tested** 

**Pesticides** 

**Pass** 

Mycotoxins

**Pass** 

**Residual Solvents** 

**Pass** 

Trace Metals

**Pass** 

Microbial Contaminants

**Pass** 

**Moisture Analysis** 

**Not Tested** 

Water Activity

**Pass** 

Filth & Foreign

**Not Tested** 

<LOQ

**Pass** 

Sample Status

0.286% Total THC

Total CBD

0.297 % Total Cannabinoids

Report Notes: N/A

Alicia Caruso-Thomas

**Laboratory Director** 

04/23/2024 Alicia Caruso-Thomas Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937





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Sample ID: 4485

**Average Cannabinoid Profile** 

Certificate: 4485.1

**Pass** 



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

#### Sample Analysis

Date: 04/22/2024 03:33 PM

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

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Tetrahydrocannabinol (THC)	-	0.286	10.0	PASS
Tetrahydrocannabinolic acid (THCA)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ8-ΤΗC	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ9-ΤΗС	0.500	0.286	10.0	
Δ10-THC-RS	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ10-THC-RR	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total Cannabidiol (CBD)	-	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabinadiolic acid (CBDA)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidiol (CBD)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total Active Tetrahydrocannabivarin (THCV)	-	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Tetrahydrocannabivarin (THCV)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total Active Cannabigerol (CBG)	- /-	0.0114	0.399	
Cannabigerolic acid (CBGA)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerol (CBG)	0.500	0.0114	0.399	
Cannabidivarin (CBDV)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabinol (CBN)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabichromene (CBC)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Cannabinoids	0.297	10.4	

<sup>\*</sup> Analyte is not included in ISO 17025 scope of accreditation

† Concentration of individual samples must be  $\pm 25\%$  of the mean concentration Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA); Total Active THC = ( $\Delta 97$ HC +  $\Delta 87$ HC +  $\Delta 107$ HC-RS +  $\Delta 107$ HC-RR) + (0.877 x THCA); Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 3.5 g

Alicia Caruso-Thomas

**Laboratory Director** 

<u>04/23/2024</u> Alicía Caruso-Thomas







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**Terpene Total** 

Tested (0.0000%)



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

#### **Sample Analysis**

**Date:** 04/23/2024 02:27 PM

**SOP:** NY.SOP.T.40.090

Sample Weight: 0.48651 g

Analyzed By: GC-MS

Results (%)

<LOQ <LOQ <LOQ <LOQ <L00 <L00 <L00 <LOQ <LOQ <LOQ <LOQ <LOQ <LOQ <LOQ <LOQ <L00 <LOQ <LOQ

Analyst: Destiny Ribadeneyra

Analyte         LOQ (%)         Results (%)           3-Carene         0.02000 <loq< td="">           alpha-Bisabolol         0.02000         <loq< td="">           alpha-Humulene         0.03000         <loq< td="">           alpha-Phellandrene         0.03000         <loq< td="">           alpha-Pinene         0.02000         <loq< td="">           alpha-Terpinene         0.01000         <loq< td="">           alpha-Terpinene         0.03000         <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Cadrene         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
alpha-Bisabolol         0.02000 <loq< td="">           alpha-Humulene         0.03000         <loq< td="">           alpha-Phellandrene         0.03000         <loq< td="">           alpha-Pinene         0.02000         <loq< td="">           alpha-Terpinene         0.01000         <loq< td="">           alpha-Terpinene         0.02000         <loq< td="">           alpha-Terpinene         0.03000         <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
alpha-Humulene         0.03000 <loq< td="">           alpha-Phellandrene         0.03000         <loq< td="">           alpha-Pinene         0.02000         <loq< td="">           alpha-Terpinene         0.01000         <loq< td="">           alpha-Terpinene         0.02000         <loq< td="">           alpha-Terpinene         0.03000         <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrene         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
alpha-Phellandrene         0.03000 <loq< td="">           alpha-Pinene         0.02000         <loq< td="">           alpha-Terpinene         0.01000         <loq< td="">           alpha-Terpinene         0.02000         <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
alpha-Pinene         0.02000 <loq< td="">           alpha-Terpinene         0.01000         <loq< td="">           alpha-Terpinene         0.02000         <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
alpha-Terpinene         0.01000 <loq< td="">           alpha-Terpineol         0.02000         <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
alpha-Terpineol         0.02000 <loq< td="">           beta-Myrcene         0.03000         <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
beta-Myrcene         0.03000 <loq< td="">           beta-Pinene         0.03000         <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
beta-Pinene         0.03000 <loq< td="">           Borneol         0.02000         <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
Borneol         0.02000 <loq< td="">           Camphene         0.02000         <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<>
Camphene         0.02000 <loq< td="">           Camphor         0.02000         <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<></loq<>
Camphor         0.02000 <loq< td="">           Caryophyllene oxide         0.03000         <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<></loq<>
Caryophyllene oxide         0.03000 <loq< td="">           Cedrene         0.02000         <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<></loq<>
Cedrene         0.02000 <loq< td="">           Cedrol         0.03000         <loq< td=""></loq<></loq<>
Cedrol 0.03000 <loq< td=""></loq<>
cis-Nerolidol 0.03000 <loq< td=""></loq<>
cis-Ocimene 0.03000 <loq< td=""></loq<>
Eucalyptol 0.04000 <loq< td=""></loq<>
Farnesene 0.04000 <loq< td=""></loq<>
Fenchone 0.03000 <loq< td=""></loq<>

Terpene Total	5			%				Pass	s/Fail	
Total Terpenes				0				N	I/A	
Valencene										
trans-Nerolidol										
trans-Caryophyllene										
trans-b-Ocimene										
Terpinolene										
Weight %:	0.0000%	0.0003%	0.0007%	0.0010%	0.0013%	0.0017%	0.0020%	0.0023%	0.0027%	0.0030%

Alicia Caruso-Thomas

**Laboratory Director** 

<u>14/23/2024</u> Alicia Caruso-Thomas







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Contact Phone:

License #: OCM-AUCP-22-000003

Sample ID: 4485

Certificate: 4485.1

**Pass** 

**Trace Metals** 



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

#### **Sample Analysis**

Date: 04/22/2024 09:29 AM

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

Analyzed By: ICP-MS

Sample Weight: 0.11846 g

Analyst: Moni Kaneti

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	Pass/Fail
Antimony (Sb)*	0.130	120	<loq< td=""><td>PASS</td></loq<>	PASS
Arsenic (As)*	0.0700	1.50	<loq< td=""><td>PASS</td></loq<>	PASS
Cadmium (Cd)*	0.0600	0.500	0.217	PASS
Chromium (Cr)*	0.360	1100	<loq< td=""><td>PASS</td></loq<>	PASS
Copper (Cu)*	0.390	300	11.5	PASS
Lead (Pb)*	0.0800	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Mercury (Hg)*	0.0100	3.00	<loq< td=""><td>PASS</td></loq<>	PASS
Nickel (Ni)*	0.110	20.0	2.32	PASS

<sup>\*</sup> Analyte is not included in ISO 17025 scope of accreditation

# **Mycotoxin Analysis**

**Pass** 

#### **Sample Analysis**

Date: 04/19/2024 09:11 AM

**SOP:** NY.SOP.T.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.09533 g

Analyst: Stephanie Knapp

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	PASS
Aflatoxin B1	0.0010	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Aflatoxin B2	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Aflatoxin G1	0.0010	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Aflatoxin G2	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Ochratoxin A	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS

Alicia Caruso-Thomas

**Laboratory Director** 

<u>14/23/2024</u> Alícia Caruso-Thomas Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937





(043) 700-U73/
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**Pesticides LC** 

**Pass** 



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

#### **Sample Analysis**

Date: 04/19/2024 08:44 AM

**SOP:** NY.SOP.T.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1.03766 g

Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit	Results (ppm)	Pass/Fail	Analyte	LOQ (ppm)	Action Limit	Results (ppm)	Pass/Fail
Abamectin*	0.0180	(ppm) 0.500	<loq< td=""><td>PASS</td><td>Imidacloprid*</td><td>0.00800</td><td>(ppm) 0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Imidacloprid*	0.00800	(ppm) 0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Acephate*	0.00700	0.400	<loq< td=""><td>PASS</td><td>Indole-3-butyric acid*</td><td>0.00700</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Indole-3-butyric acid*	0.00700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Acequinocyl*	0.0160	2.00	<loq< td=""><td>PASS</td><td>Kresoxim methyl*</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Kresoxim methyl*	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Acetamiprid*	0.00500	0.200	<loq< td=""><td>PASS</td><td>Malathion*</td><td>0.0110</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Malathion*	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Aldicarb*	0.00500	0.400	<loq< td=""><td>PASS</td><td>Metalaxyl*</td><td>0.0120</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Metalaxyl*	0.0120	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Azadirachtin*	0.0220	1.00	<loq< td=""><td>PASS</td><td>Methiocarb*</td><td>0.00400</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Methiocarb*	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Azoxystrobin*	0.00600	0.200	<loq< td=""><td>PASS</td><td>Methomyl*</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Methomyl*	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenazate*	0.00600	0.200	<loq< td=""><td>PASS</td><td>Mevinphos*</td><td>0.0190</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Mevinphos*	0.0190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenthrin*	0.00300	0.200	<loq< td=""><td>PASS</td><td>MGK-264*</td><td>0.0110</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	MGK-264*	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Boscalid*	0.0110	0.400	<loq< td=""><td>PASS</td><td>Myclobutanil*</td><td>0.0130</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Myclobutanil*	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Carbaryl*	0.00600	0.200	<loq< td=""><td>PASS</td><td>Naled*</td><td>0.00500</td><td>0.500</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Naled*	0.00500	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Carbofuran*	0.00500	0.200	<loq< td=""><td>PASS</td><td>Oxamyl*</td><td>0.00800</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Oxamyl*	0.00800	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Chlorantraniliprole*	0.00600	0.200	<loq< td=""><td>PASS</td><td>Paclobutrazol*</td><td>0.0150</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Paclobutrazol*	0.0150	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Chlormequat chloride*	0.0190	1.00	<loq< td=""><td>PASS</td><td>Permethrins, Total*</td><td>0.00900</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Permethrins, Total*	0.00900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Chlorpyrifos*	0.00900	0.200	<loq< td=""><td>PASS</td><td>Phosmet*</td><td>0.00700</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Phosmet*	0.00700	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Clofentezine*	0.0100	0.200	<loq< td=""><td>PASS</td><td>Piperonyl Butoxide*</td><td>0.00600</td><td>2.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Piperonyl Butoxide*	0.00600	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Daminozide*	0.00400	1.00	<loq< td=""><td>PASS</td><td>Prallethrin*</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Prallethrin*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Diazinon*	0.00700	0.200	<loq< td=""><td>PASS</td><td>Propiconazole*</td><td>0.00600</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Propiconazole*	0.00600	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Dichlorvos*	0.0120	1.00	<loq< td=""><td>PASS</td><td>Propoxur*</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Propoxur*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Dimethoate*	0.00600	0.200	<loq< td=""><td>PASS</td><td>Pyrethrins*</td><td>0.0140</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Pyrethrins*	0.0140	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Dimethomorph*	0.00500	1.00	<loq< td=""><td>PASS</td><td>Pyridaben*</td><td>0.00600</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Pyridaben*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
thoprophos*	0.0130	0.200	<loq< td=""><td>PASS</td><td>Spinetoram, Total*</td><td>0.00500</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Spinetoram, Total*	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Etofenprox*	0.00300	0.400	<loq< td=""><td>PASS</td><td>Spinosad, Total*</td><td>0.00600</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Spinosad, Total*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Etoxazole*	0.00500	0.200	<loq< td=""><td>PASS</td><td>Spiromesifen*</td><td>0.0130</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Spiromesifen*	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
enhexamid*	0.0150	1.00	<loq< td=""><td>PASS</td><td>Spirotetramat*</td><td>0.00600</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Spirotetramat*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
enoxycarb*	0.0110	0.200	<loq< td=""><td>PASS</td><td>Spiroxamine*</td><td>0.00400</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Spiroxamine*	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
enpyroximate*	0.00200	0.400	<loq< td=""><td>PASS</td><td>Tebuconazole*</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Tebuconazole*	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Flonicamid*	0.00700	1.00	<loq< td=""><td>PASS</td><td>Thiacloprid*</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Thiacloprid*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Fludioxonil*	0.0170	0.400	<loq< td=""><td>PASS</td><td>Thiamethoxam*</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Thiamethoxam*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Hexythiazox*	0.00500	1.00	<loq< td=""><td>PASS</td><td></td><td></td><td></td><td></td><td></td></loq<>	PASS					

 $<sup>^{\</sup>ast}$  Analyte is not included in ISO 17025 scope of accreditation

**Alicia Caruso-Thomas** 

**Laboratory Director** 

<u>54/23/2024</u> Alicia Caruso-Thomas







Address: 37 Huntington Street

Cortland, NY 13045

Contact Name: Geoffrey Brown

Contact Phone:

License #: OCM-AUCP-22-000003

Sample ID: 4485



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 4485.1

#### **Pesticides GC**

#### **Pass**

#### **Sample Analysis**

Date: 04/22/2024 11:38 AM

**SOP:** NYS.SOP.T.040.271

Analyzed By: GC-MS/MS

Sample Weight: 1.03766 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Captan*	0.300	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Chlordane*	0.0700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Chlorfenapyr*	0.100	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Coumaphos*	0.190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Cyfluthrin*	0.110	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Cypermethrin*	0.240	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Fipronil*	0.170	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
lmazalil*	0.170	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Methyl parathion*	0.0900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Pentachloronitrobenzene*	0.170	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Trifloxystrobin*	0.110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS

<sup>\*</sup> Analyte is not included in ISO 17025 scope of accreditation

Alicia Caruso-Thomas

**Laboratory Director** 

<u>04/23/2024</u> Alicia Caruso-Thomas







Address: 37 Huntington Street

Cortland, NY 13045

Contact Name: Geoffrey Brown

Contact Phone:

License #: OCM-AUCP-22-000003

Sample ID: 4485

Certificate: 4485.1

**Pass** 

**Residual Solvents** 



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

#### **Sample Analysis**

Date: 04/23/2024 09:13 AM

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

Analyzed By: GC-MS

Sample Weight: 0.10545 g

Analyst: Destiny Ribadeneyra

1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)0.6705.00< LOQ
Acetone (2-Propanone)         15.9         5000         < LOQ         PASS           Acetonitrile         0.850         410         < LOQ
Acetonitrile       0.850       410 <loq< td="">       PASS         Benzene       0.710       2.00       <loq< td="">       PASS         Butanes, Total       0.350       5000       <loq< td="">       PASS         Chloroform       0.540       60.0       <loq< td="">       PASS         Dichloromethane (Methylene chloride)       1.07       600       <loq< td="">       PASS         Dimethyl sulfoxide (DMSO)       0.660       5000       <loq< td="">       PASS         Ethanol (Ethyl alcohol)       10.0       5000       <loq< td="">       PASS         Ethyl acetate (Acetic acid ethyl ester)       18.4       5000       <loq< td="">       PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>
Benzene         0.710         2.00         < LOQ         PASS           Butanes, Total         0.350         5000         < LOQ
Butanes, Total0.3505000 <loq< th="">PASSChloroform0.54060.0<loq< td="">PASSDichloromethane (Methylene chloride)1.07600<loq< td="">PASSDimethyl sulfoxide (DMSO)0.6605000<loq< td="">PASSEthanol (Ethyl alcohol)10.05000<loq< td="">PASSEthyl acetate (Acetic acid ethyl ester)18.45000<loq< td="">PASS</loq<></loq<></loq<></loq<></loq<></loq<>
Chloroform0.54060.0 <loq< th="">PASSDichloromethane (Methylene chloride)1.07600<loq< td="">PASSDimethyl sulfoxide (DMSO)0.6605000<loq< td="">PASSEthanol (Ethyl alcohol)10.05000<loq< td="">PASSEthyl acetate (Acetic acid ethyl ester)18.45000<loq< td="">PASS</loq<></loq<></loq<></loq<></loq<>
Dichloromethane (Methylene chloride)1.07600 <loq< th="">PASSDimethyl sulfoxide (DMSO)0.6605000<loq< td="">PASSEthanol (Ethyl alcohol)10.05000<loq< td="">PASSEthyl acetate (Acetic acid ethyl ester)18.45000<loq< td="">PASS</loq<></loq<></loq<></loq<>
Dimethyl sulfoxide (DMSO)0.6605000 <loq< th="">PASSEthanol (Ethyl alcohol)10.05000<loq< td="">PASSEthyl acetate (Acetic acid ethyl ester)18.45000<loq< td="">PASS</loq<></loq<></loq<>
Ethanol (Ethyl alcohol) 10.0 5000 <loq (acetic="" 18.4="" 5000="" <loq="" acetate="" acid="" ester)="" ethyl="" pass="" pass<="" td=""></loq>
Ethyl acetate (Acetic acid ethyl ester) 18.4 5000 <loq pass<="" td=""></loq>
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane) 0.440 5000 <loq pass<="" td=""></loq>
Heptane (n-Heptane) 0.360 5000 <loq pass<="" td=""></loq>
Hexanes, Total 0.390 290 <loq pass<="" td=""></loq>
Methanol (Methyl alcohol) 2.47 3000 <loq pass<="" td=""></loq>
Pentanes, Total 0.370 5000 <loq pass<="" td=""></loq>
Propane 0.530 5000 <loq pass<="" td=""></loq>
Toluene (Methylbenzene) 2.34 890 <loq pass<="" td=""></loq>
Trichloroethane (1,1,1-) 0.410 1500 <loq pass<="" td=""></loq>
Xylenes, Total (ortho-, meta-, para-) 2.65 2170 <loq pass<="" td=""></loq>

Alicia Caruso-Thomas

**Laboratory Director** 

<u>14/23/2024</u> Alicia Caruso-Thomas







Certificate: 4485.1

**NYHO Labs LLC** 

Address: 37 Huntington Street

Cortland, NY 13045

Contact Name: Geoffrey Brown

Contact Phone:

License #: OCM-AUCP-22-000003

Sample ID: 4485



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

# **Microbial Impurities - MDG**

**Pass** 

#### **Sample Analysis**

Date: 04/23/2024 03:42 PM

**SOP:** NYS.SOP.T.40.273

Analyzed By: PCR

Analyst: Kristy Lee

Analyte	Microbial Type	LOQ (CFU/g)	Allowable Limit	Results	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	1	Not Detected	Not Detected	PASS
Salmonella species	Bacterial	1	Not Detected	Not Detected	PASS
Aspergillus flavus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus niger	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus terreus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus fumigatus	Fungal	1	Not Detected	Not Detected	PASS



**Laboratory Director** 

Alicia Caruso-Thomas







Address: 37 Huntington Street

Cortland, NY 13045

Contact Name: Geoffrey Brown

Contact Phone:

License #: OCM-AUCP-22-000003

Sample ID: 4485

**Microbial Impurities - TAPC** 

Certificate: 4485.1

**Pass** 



#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

#### Sample Analysis

Date: 04/22/2024 08:16 AM

**SOP:** NYS.SOP.T.040.200

Analyzed By: Plating

Analyst: Kristy Lee

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	10000	3000	PASS

# **Microbial Impurities - TYMC**

**Pass** 

#### **Sample Analysis**

Date: 04/22/2024 07:33 PM

**SOP:** NYS.SOP.T.040.200

**Analyzed By:** Plating **Analyst:** Kristy Lee

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<loq< td=""><td>PASS</td></loq<>	PASS
Mold Count	5	1000	<loq< td=""><td>PASS</td></loq<>	PASS
Yeast Count	5	1000	<loq< td=""><td>PASS</td></loq<>	PASS

# **Water Activity**

**Pass** 

#### Sample Analysis

**Date:** 04/18/2024 10:45 AM **SOP:** NY.SOP.T.040.210

Analyzed By: Water Activity Meter

Analyst: Destiny Ribadeneyra

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.85	<loq< td=""><td>PASS</td></loq<>	PASS

Alicia Caruso-Thomas

**Laboratory Director** 

<u>54/23/2024</u> Alicia Caruso-Thomas Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937





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