



#### CERTIFICATE OF ANALYSIS Permit #: OCM-CPL-00004

Certificate: 4522.1

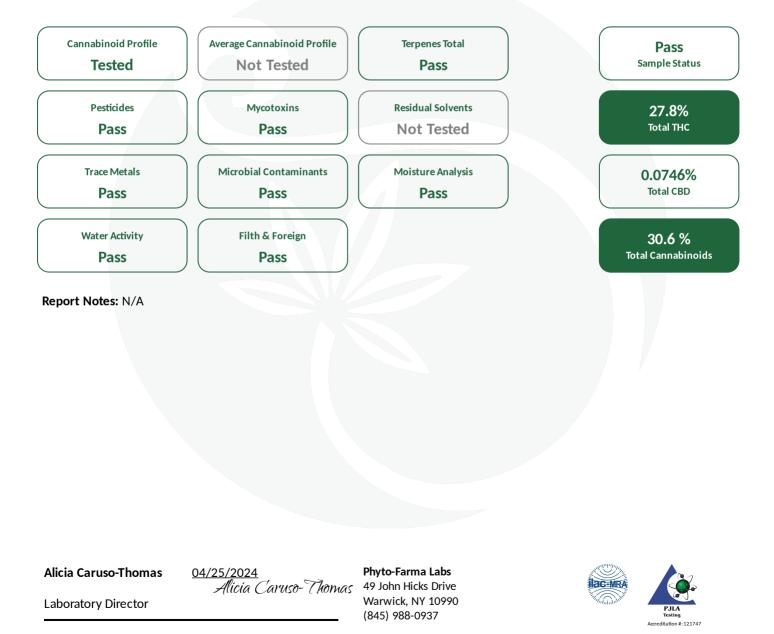
## Grandi Guava whole flower 7g

Lot #: WF00184 Sample ID: 4522 Regulatory Category: Adult Use Received: 04/19/2024 Sampling Location: 37 Huntington St Cortland, NY 13045

#### Lot Size: 640 Sample Type: Flower Amount Received: 8 units Sample Collected: 04/18/2024 11:54 AM Published: 04/25/2024



## **COMPLIANCE FOR RETAIL**



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. All Pass/Fail results please reference state regulations released on 01FEB2024. Pass/Fail results do not use uncertainty, but is available upon request. 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, LOQ - Limit of Quantification, ULOQ - Upper Limit of Quantification; are terms used to describe the reliably measured smallest and largest concentrations. 4.0Q<sup>4</sup> denotes the result is above detection limit, but below quantifiable limit. CFU - Colomy Forming Units. Cannabis Product Sampling SOP# SOPT.20010.





# Phyto-Farma Labs

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

**Cannabinoid Profile** 

Tested

### Sample Analysis

Date: 04/24/2024 12:56 PM Analyzed By: HPLC Analyst: Stephanie Knapp

**SOP:** NY.SOP.T.40.260 **Sample Weight:** 0.19130 g

Analyte	LOQ (%)	Actual % (w/w)	mg/serving
Total Tetrahydrocannabinol (THC)	-	27.8	278
Tetrahydrocannabinolic acid (THCA)	0.500	30.4	304
Δ8-THC	0.500	0.0420	0.420
Δ9-THC	0.500	1.07	10.7
Δ10-THC-RS	0.500	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Δ10-THC-RR	0.500	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total Cannabidiol (CBD)	-	0.0746	0.746
Cannabinadiolic acid (CBDA)	0.500	0.0851	0.851
Cannabidiol (CBD)	0.500	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total Active Tetrahydrocannabivarin (THCV)	-	1.18	11.8
Tetrahydrocannabivarinic acid (THCVA)*	0.500	1.30	13.0
Tetrahydrocannabivarin (THCV)	0.500	0.0457	0.457
Total Active Cannabigerol (CBG)		1.53	15.3
Cannabigerolic acid (CBGA)	0.500	1.66	16.6
Cannabigerol (CBG)	0.500	0.0719	0.719
Cannabidivarin (CBDV)	0.500	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabinol (CBN)	0.500	0.0386	0.386
Cannabichromene (CBC)	0.500	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>

Cannabinoid Totals	Actual % (w/w)	mg/serving
Total Cannabinoids	30.6	306

\* Analyte is not included in ISO 17025 scope of accreditation

Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA); Total Active THC = ( $\Delta$ 9THC +  $\Delta$ 8THC +  $\Delta$ 10THC-RS +  $\Delta$ 10THC-RR) + (0.877 x THCA); Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 1g

#### Alicia Caruso-Thomas

Laboratory Director

<u>04/25/2024</u> Alicia Caruso-Thomas

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937







CERTIFICATE OF ANALYSIS Permit #: OCM-CPL-00004

Certificate: 4522.1

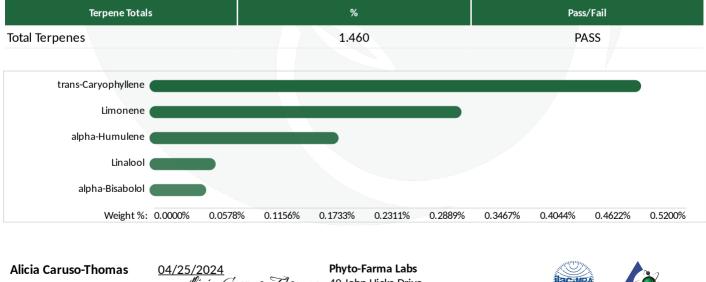
# **Terpene Total**

Pass (1.460%)

#### Sample Analysis

Date: 04/25/2024 03:26 PM Sample Weight: 0.52086 g Analyst: Destiny Ribadeneyra SOP: NY.SOP.T.40.090 Analyzed By: GC-MS

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.02000	<loq< td=""><td>gamma-Terpinene</td><td>0.02000</td><td><loq< td=""></loq<></td></loq<>	gamma-Terpinene	0.02000	<loq< td=""></loq<>
alpha-Bisabolol	0.02000	0.06000	gamma-Terpineol	0.02000	<loq< td=""></loq<>
alpha-Humulene	0.03000	0.2000	Geraniol	0.02000	<loq< td=""></loq<>
alpha-Phellandrene	0.03000	<loq< td=""><td>Geranyl acetate</td><td>0.03000</td><td><loq< td=""></loq<></td></loq<>	Geranyl acetate	0.03000	<loq< td=""></loq<>
alpha-Pinene	0.02000	0.02000	Guaiol	0.03000	<loq< td=""></loq<>
alpha-Terpinene	0.01000	<loq< td=""><td>Isoborneol</td><td>0.02000</td><td><loq< td=""></loq<></td></loq<>	Isoborneol	0.02000	<loq< td=""></loq<>
alpha-Terpineol	0.02000	0.03000	Isopulegol	0.03000	<loq< td=""></loq<>
beta-Myrcene	0.03000	0.04000	Limonene	0.04000	0.3300
beta-Pinene	0.03000	0.04000	Linalool	0.02000	0.07000
Borneol	0.02000	<loq< td=""><td>Menthol</td><td>0.02000</td><td><loq< td=""></loq<></td></loq<>	Menthol	0.02000	<loq< td=""></loq<>
Camphene	0.02000	<loq< td=""><td>Nerol</td><td>0.03000</td><td><loq< td=""></loq<></td></loq<>	Nerol	0.03000	<loq< td=""></loq<>
Camphor	0.02000	<loq< td=""><td>Pulegone (+)</td><td>0.03000</td><td><loq< td=""></loq<></td></loq<>	Pulegone (+)	0.03000	<loq< td=""></loq<>
Caryophyllene oxide	0.03000	0.04000	Sabinene	0.02000	0.04000
Cedrene	0.02000	<loq< td=""><td>Sabinene Hydrate</td><td>0.02000</td><td><loq< td=""></loq<></td></loq<>	Sabinene Hydrate	0.02000	<loq< td=""></loq<>
Cedrol	0.03000	<loq< td=""><td>Terpinolene</td><td>0.02000</td><td><loq< td=""></loq<></td></loq<>	Terpinolene	0.02000	<loq< td=""></loq<>
cis-Nerolidol	0.03000	0.03000	trans-b-Ocimene	0.02000	<loq< td=""></loq<>
cis-Ocimene	0.03000	<loq< td=""><td>trans-Caryophyllene</td><td>0.03000</td><td>0.5200</td></loq<>	trans-Caryophyllene	0.03000	0.5200
Eucalyptol	0.04000	<loq< td=""><td>trans-Nerolidol</td><td>0.04000</td><td><loq< td=""></loq<></td></loq<>	trans-Nerolidol	0.04000	<loq< td=""></loq<>
Farnesene	0.04000	<loq< td=""><td>Valencene</td><td>0.03000</td><td><loq< td=""></loq<></td></loq<>	Valencene	0.03000	<loq< td=""></loq<>
Fenchone	0.03000	<loq< td=""><td></td><td></td><td></td></loq<>			



Laboratory Director

04/25/2024 Pl Alicia Caruso-Thomas 49 W

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937









CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Trace Metals	Sample Analysis	
	Date: 04/25/2024 01:38 PM	<b>SOP:</b> NY.SOP.T.40.050
Pass	Analyzed By: ICP-MS	Sample Weight: 0.12196 g
	Analyst: Moni Kaneti	

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Arsenic (As)*	0.0700	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Cadmium (Cd)*	0.0600	0.300	<loq< td=""><td>PASS</td></loq<>	PASS
Chromium (Cr)*	0.360	110	<loq< td=""><td>PASS</td></loq<>	PASS
Copper (Cu)*	0.390	30.0	16.3	PASS
Lead (Pb)*	0.0800	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Mercury (Hg)*	0.0100	0.100	<loq< td=""><td>PASS</td></loq<>	PASS
Nickel (Ni)*	0.110	5.00	0.546	PASS

\* Analyte is not included in ISO 17025 scope of accreditation

Mycotoxin Analysis	Sample Analysis	
	Date: 04/25/2024 02:45 PM	SOP: NY.SOP.T.40.180
Pass	Analyzed By: LC-MS/MS	Sample Weight: 0.09877 g
	Analyst: Destiny Ribadeneyra	

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>04/25/2024</u> Alicia Caruso-Thomas

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937





Certificate: 4522.1

# Pesticides LC

Pass



CERTIFICATE OF ANALYSIS Permit #: OCM-CPL-00004

## Sample Analysis

Date: 04/25/2024 09:14 AM Analyzed By: LC-MS/MS Analyst: Stephanie Knapp **SOP:** NY.SOP.T.040.270 **Sample Weight:** 1.00709 g

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail	
Abamectin*	0.0180	0.500	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Acephate*	0.00700	0.400	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Acequinocyl*	0.0160	2.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Acetamiprid*	0.00500	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Aldicarb*	0.00500	0.400	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Azadirachtin*	0.0220	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Azoxystrobin*	0.00600	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Bifenazate*	0.00600	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Bifenthrin*	0.00300	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Boscalid*	0.0110	0.400	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Carbaryl*	0.00600	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Carbofuran*	0.00500	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Chlorantraniliprole*	0.00600	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Chlormequat chloride*	0.0190	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Chlorpyrifos*	0.00900	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Clofentezine*	0.0100	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Daminozide*	0.00400	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Diazinon*	0.00700	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Dichlorvos*	0.0120	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Dimethoate*	0.00600	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Dimethomorph*	0.00500	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Ethoprophos*	0.0130	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Etofenprox*	0.00300	0.400	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Etoxazole*	0.00500	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Fenhexamid*	0.0150	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Fenoxycarb*	0.0110	0.200	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Fenpyroximate*	0.00200	0.400	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Flonicamid*	0.00700	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Fludioxonil*	0.0170	0.400	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	
Hexythiazox*	0.00500	1.00	<loq< td=""><td>PASS</td><td></td></loq<>	PASS	

Imidacloprid*     0.00800     0.400 <loq< th="">     PASS       Indole-3-butyric acid*     0.0120     0.400     <loq< td="">     PASS       Kresoxim methyl*     0.0120     0.400     <loq< td="">     PASS       Malathion*     0.0110     0.200     <loq< td="">     PASS       Methiocarb*     0.00400     0.200     <loq< td="">     PASS       Methiocarb*     0.0120     0.400     <loq< td="">     PASS       Methiocarb*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Myclobutanil*     0.0130     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Paclobutrazol*     0.00500     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00600</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Kresoxim methyl*     0.0120     0.400 <loq< th="">     PASS       Malathion*     0.0110     0.200     <loq< td="">     PASS       Metalaxyl*     0.0120     0.200     <loq< td="">     PASS       Methiocarb*     0.00400     0.200     <loq< td="">     PASS       Methiocarb*     0.0120     0.400     <loq< td="">     PASS       Methiocarb*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Mgk-264*     0.0110     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.00500     0.200     <loq< td="">     PASS       Permethrins, Total*     0.00700     0.200     <loq< td="">     PASS       Phosmet*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <l< td=""><td>Imidacloprid*</td><td>0.00800</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></l<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Imidacloprid*	0.00800	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Malathion*     0.0110     0.200 <loq< th="">     PASS       Metalaxyl*     0.0120     0.200     <loq< td="">     PASS       Methiocarb*     0.00400     0.200     <loq< td="">     PASS       Methiocarb*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Mevinphos*     0.0190     1.00     <loq< td="">     PASS       MGK-264*     0.0110     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.0150     0.400     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Premethrins, Total*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Spinotoram, Total*     0.00600     0.200<td>Indole-3-butyric acid*</td><td>0.00700</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Indole-3-butyric acid*	0.00700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Metalaxyl*     0.0120     0.200 <loq< th="">     PASS       Methiocarb*     0.00400     0.200     <loq< td="">     PASS       Methiocarb*     0.0120     0.400     <loq< td="">     PASS       Methomyl*     0.0120     0.400     <loq< td="">     PASS       Mevinphos*     0.0190     1.00     <loq< td="">     PASS       MGK-264*     0.0110     0.200     <loq< td="">     PASS       Myclobutanil*     0.0130     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.0150     0.400     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Paclobutrazol*     0.00700     0.200     <loq< td="">     PASS       Phosmet*     0.00600     2.00     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Spinotarin, Total*     0.00600     0.200</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Kresoxim methyl*	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Methiocarb*     0.00400     0.200 <loq< th="">     PASS       Methionyl*     0.0120     0.400     <loq< td="">     PASS       Mevinphos*     0.0190     1.00     <loq< td="">     PASS       MGK-264*     0.0110     0.200     <loq< td="">     PASS       Myclobutanil*     0.0130     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.0150     0.400     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Paclobutrazol*     0.00700     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Spinoteram, Total*     0.00600     0.200</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Malathion*	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Methomyl*     0.0120     0.400 <loq< th="">     PASS       Mevinphos*     0.0190     1.00     <loq< td="">     PASS       MGK-264*     0.0110     0.200     <loq< td="">     PASS       Myclobutanil*     0.0130     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.00800     1.00     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Paclobutrazol*     0.00700     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Prallethrin*     0.00600     2.00     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Spinoteram, Total*     0.00600     0.200     <loq< td="">     PASS       Spiromesifen*     0.0130     0.200</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Metalaxyl*	0.0120	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Mevinphos*     0.0190     1.00 <loq< th="">     PASS       MGK-264*     0.0110     0.200     <loq< td="">     PASS       Myclobutanil*     0.0130     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.00800     1.00     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Permethrins, Total*     0.00900     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propoxur*     0.00600     0.200     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinoterarm, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS  Spiromesifen*     0.0130     0.200</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Methiocarb*	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
MGK-264*     0.0110     0.200 <loq< th="">     PASS       Myclobutanil*     0.0130     0.200     <loq< td="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.00800     1.00     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Permethrins, Total*     0.00900     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Propoxur*     0.00600     0.400     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinotaram, Total*     0.00600     0.200     <loq< td="">     PASS       Spiromesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     <td< td=""><td>Methomyl*</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></td<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Methomyl*	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Myclobutanil*     0.0130     0.200 <loq< th="">     PASS       Naled*     0.00500     0.500     <loq< td="">     PASS       Oxamyl*     0.00800     1.00     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Permethrins, Total*     0.00900     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Spinetoram, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Mevinphos*	0.0190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Naled*     0.00500     0.500 <loq< th="">     PASS       Oxamyl*     0.00800     1.00     <loq< td="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Permethrins, Total*     0.00900     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Pralethrin*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Spinotaram, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	MGK-264*	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Oxamyl*     0.00800     1.00 <loq< th="">     PASS       Paclobutrazol*     0.0150     0.400     <loq< td="">     PASS       Permethrins, Total*     0.00900     0.200     <loq< td="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Spiroxamine*     0.01</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Myclobutanil*	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Paclobutrazol*0.01500.400 <loq< th="">PASSPermethrins, Total*0.009000.200<loq< td="">PASSPhosmet*0.007000.200<loq< td="">PASSPiperonyl Butoxide*0.006002.00<loq< td="">PASSPrallethrin*0.008000.200<loq< td="">PASSPropiconazole*0.006000.400<loq< td="">PASSPropoxur*0.008000.200<loq< td="">PASSPyrethrins*0.01401.00<loq< td="">PASSPyridaben*0.006000.200<loq< td="">PASSSpinetoram, Total*0.005001.00<loq< td="">PASSSpirotetramat*0.006000.200<loq< td="">PASSSpirotetramat*0.004000.200<loq< td="">PASSTebuconazole*0.01200.400<loq< td="">PASSThiacloprid*0.008000.200<loq< td="">PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Naled*	0.00500	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Permethrins, Total*     0.00900     0.200 <loq< th="">     PASS       Phosmet*     0.00700     0.200     <loq< td="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Propiconazole*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.200     <loq< td="">     PASS       Pyridaben*     0.0140     1.00     <loq< td="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Oxamyl*	0.00800	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Phosmet*     0.00700     0.200 <loq< th="">     PASS       Piperonyl Butoxide*     0.00600     2.00     <loq< td="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinetoram, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Paclobutrazol*	0.0150	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Piperonyl Butoxide*     0.00600     2.00 <loq< th="">     PASS       Prallethrin*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propiconazole*     0.00800     0.200     <loq< td="">     PASS       Propiconazole*     0.00800     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spiroterramat*     0.0130     0.200     <loq< td="">     PASS       Spiroterramat*     0.00400     0.200     <loq< td="">     PASS       Spiroterramat*     0.0120     0.400     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Permethrins, Total*	0.00900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Prallethrin*     0.00800     0.200 <loq< th="">     PASS       Propiconazole*     0.00600     0.400     <loq< td="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spiroxamine*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Phosmet*	0.00700	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Propiconazole*     0.00600     0.400 <loq< th="">     PASS       Propoxur*     0.00800     0.200     <loq< td="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Pyrethrins*     0.00600     0.200     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinetoram, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spiromesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spiroxamine*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Piperonyl Butoxide*	0.00600	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Propoxur*     0.00800     0.200 <loq< th="">     PASS       Pyrethrins*     0.0140     1.00     <loq< td="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spirotesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Prallethrin*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Pyrethrins*     0.0140     1.00 <loq< th="">     PASS       Pyridaben*     0.00600     0.200     <loq< td="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinetoram, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spiromesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spiroxamine*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Propiconazole*	0.00600	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Pyridaben*     0.00600     0.200 <loq< th="">     PASS       Spinetoram, Total*     0.00500     1.00     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spiromesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spiroxamine*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Propoxur*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spinetoram, Total*     0.00500     1.00 <loq< th="">     PASS       Spinosad, Total*     0.00600     0.200     <loq< td="">     PASS       Spiromesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Pyrethrins*	0.0140	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Spinosad, Total*     0.00600     0.200 <loq< th="">     PASS       Spiromesifen*     0.0130     0.200     <loq< td="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<>	Pyridaben*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spiromesifen*     0.0130     0.200 <loq< th="">     PASS       Spirotetramat*     0.00600     0.200     <loq< td="">     PASS       Spirotetramat*     0.00400     0.200     <loq< td="">     PASS       Spiroxamine*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<></loq<></loq<>	Spinetoram, Total*	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Spirotetramat*     0.00600     0.200 <loq< th="">     PASS       Spiroxamine*     0.00400     0.200     <loq< td="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<></loq<>	Spinosad, Total*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spiroxamine*     0.00400     0.200 <loq< th="">     PASS       Tebuconazole*     0.0120     0.400     <loq< td="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<></loq<>	Spiromesifen*	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Tebuconazole*     0.0120     0.400 <loq< th="">     PASS       Thiacloprid*     0.00800     0.200     <loq< td="">     PASS</loq<></loq<>	Spirotetramat*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Thiacloprid* 0.00800 0.200 <loq pass<="" td=""><td>Spiroxamine*</td><td>0.00400</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq>	Spiroxamine*	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
	Tebuconazole*	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Thiamethoxam* 0.00800 0.200 <loq pass<="" td=""><td>Thiacloprid*</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq>	Thiacloprid*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
	Thiamethoxam*	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS

\* Analyte is not included in ISO 17025 scope of accreditation

#### Alicia Caruso-Thomas

Laboratory Director

04/25/2024 Alicia Caruso-Thomas

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937









CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Pesticides GC

Pass

#### Sample Analysis

Date: 04/25/2024 02:31 PM Analyzed By: GC-MS/MS Analyst: Destiny Ribadeneyra **SOP:** NYS.SOPT.040.271 **Sample Weight:** 1.00709 g

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
Imazalil*	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

\* Analyte is not included in ISO 17025 scope of accreditation

Alicia Caruso-Thomas

Laboratory Director

<u>04/25/2024</u> Alicia Caruso-Thomas

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937









## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

## **Microbial Impurities - MDG**

Pass

#### Sample Analysis

Date: 04/24/2024 05:11 PM Analyzed By: PCR Analyst: Lindsey Vento **SOP:** NYS.SOP.T.40.273

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

Alicia Caruso-Thomas

Laboratory Director

<u>04/25/2024</u> Alicia Caruso-Thomas

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937







## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 4522.1

Microbial Impurities - TAPC	Sample Analysis	
	Date: 04/24/2024 04:51 PM	SOP: NYS.SOP.T.040.200
Pass	Analyzed By: Plating	
	Analyst: Lindsey Vento	

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	N/A	2000000	PASS

Microbial Impurities - TYMC	Sample Analysis	
	Date: 04/25/2024 01:14 PM	SOP: NYS.SOP.T.040.200
Pass	Analyzed By: Plating	
	Analyst: Lindsey Vento	

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	N/A	30000	PASS
Mold Count	5	N/A	30000	PASS
Yeast Count	5	N/A	<loq< td=""><td>PASS</td></loq<>	PASS

Alicia Caruso-Thomas

Laboratory Director

<u>04/25/2024</u> Alicia Caruso-Thomas

Phyto-Farma Labs 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937







## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 4522.1

# Foreign Matter

Pass

### Sample Analysis

Date: 04/23/2024 10:05 AM Analyzed By: Microscopy Analyst: Destiny Ribadeneyra SOP: NYS.SOP.T.040.250

Analyte	LOQ	Action Limit	Results	Pass/Fail
Mammalian excreta (mg/lb)	0	1.0	0	PASS
Stems >3mm in diameter (%)	0	5.0	0	PASS
Other Foreign Material (%)	0	2.0	0	PASS

Moisture Content	Sample Analysis				
	Date: 04/23/2024 03:11 PM	SOP: NY.SOP.T.040.220			
Pass	Analyzed By: Moisture Balance				
	Analyst: Destiny Ribadeneyra				

Analyte	LOQ (%)	Action Limit (%)	Results (%)	Pass/Fail
Moisture Content	0.0	5.0 - 15.0	12.2	PASS

Water Activity	Sample Analysis				
Water Activity	Date: 04/23/2024 06:33 PM SOP: NY.SOP.T.040.210				
Pass	Analyzed By: Water Activity Meter				
	Analyst: Destiny Ribadeneyra				

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.65	0.38	PASS

