

Mill Lane Chemist Address: 6309 Mill Lane, Brooklyn, NY 11234 Contact Name: Craig Sheikowitz Contact Phone: License #: OCM-PROC-24-000034 Sample ID: 5406



CERTIFICATE OF ANALYSIS Permit #: OCM-CPL-00004

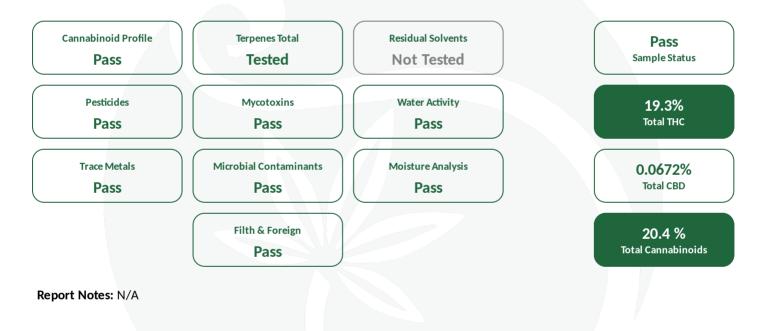
Lemonatti

Lot #: HSL-5406-A Sample ID: 5406 Regulatory Category: Adult Use Received: 07/09/2024 Sampling Location: West Babylon, NY

Lot Size: 1280 Sample Type: Flower Amount Received: 13 Sample Collected: 07/08/2024 01:03 PM Published: 07/15/2024



# **COMPLIANCE FOR RETAIL**



 Alicia Caruso-Thomas
 07/15/2024 Alicia Caruso-Thomas
 Phyto-Farma Labs

 Alicia Caruso-Thomas
 49 John Hicks Drive Warwick, NY 10990 (845) 988-0937
 Image: Caruso-Thomas



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# Average Cannabinoid Profile

Pass

### Sample Analysis

 Date: 07/11/2024 12:04 PM
 SOP: NY.SOP.T.40.260

 Analyzed By: HPLC
 Sample Weight: N/A

 Analyst: Stephanie Knapp
 Sample Weight: N/A

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Tetrahydrocannabinol (THC)	-	19.3	193	
Tetrahydrocannabinolic acid (THCA)	0.500	21.5	215	
Δ8-THC	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ9-THC	0.500	0.436	4.36	
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	0.0318	0.318	
Total Cannabidiol (CBD)	-	0.0672	0.672	
Cannabinadiolic acid (CBDA)	0.500	0.0767	0.767	
Cannabidiol (CBD)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total Active Tetrahydrocannabivarin (THCV)	-	0.123	1.23	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	0.141	1.41	
Tetrahydrocannabivarin (THCV)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total Active Cannabigerol (CBG)	- / /	0.913	9.13	
Cannabigerolic acid (CBGA)	0.500	0.934	9.34	
Cannabigerol (CBG)	0.500	0.0940	0.940	
Cannabidivarin (CBDV)	0.500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabinol (CBN)	0.500	0.0237	0.237	
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	20.4	204	

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

† Concentration of individual samples must be ±25% of the mean concentration Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA); Total Active THC = ( $\Delta$ 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

07/15/2024 Alicia Caruso-Thomas

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







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Certificate: 5406.1

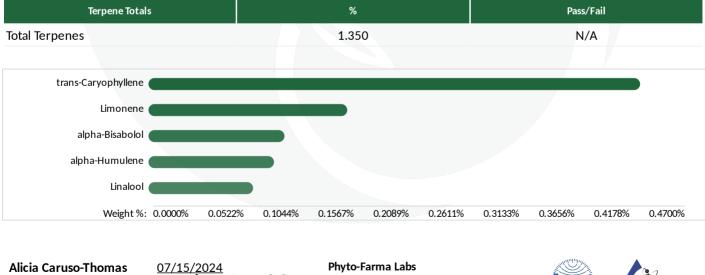
# **Terpene Total**

# Tested (1.350%)

### Sample Analysis

Date: 07/10/2024 03:43 PM Sample Weight: 0.191 g Analyst: Stephanie Knapp SOP: NY.SOP.T.40.090 Analyzed By: GC-MS

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<loq< td=""><td>gamma-Terpinene</td><td>0.0004400</td><td><loq< td=""></loq<></td></loq<>	gamma-Terpinene	0.0004400	<loq< td=""></loq<>
alpha-Bisabolol	0.0005000	0.1300	gamma-Terpineol	0.0003000	<loq< td=""></loq<>
alpha-Humulene	0.0005600	0.1200	Geraniol	0.0004800	<loq< td=""></loq<>
alpha-Phellandrene	0.0006600	<loq< td=""><td>Geranyl acetate</td><td>0.0006200</td><td><loq< td=""></loq<></td></loq<>	Geranyl acetate	0.0006200	<loq< td=""></loq<>
alpha-Pinene	0.0004800	0.02000	Guaiol	0.0006000	<loq< td=""></loq<>
alpha-Terpinene	0.0002600	<loq< td=""><td>Isoborneol</td><td>0.0003400</td><td>0.01000</td></loq<>	Isoborneol	0.0003400	0.01000
alpha-Terpineol	0.0003400	0.03000	lsopulegol	0.0006600	<loq< td=""></loq<>
beta-Myrcene	0.0006400	0.06000	Limonene	0.0007400	0.1900
beta-Pinene	0.0006600	0.03000	Linalool	0.0004600	0.1000
Borneol	0.0004600	0.05000	Menthol	0.0004600	<loq< td=""></loq<>
Camphene	0.0004400	0.01000	Nerol	0.0005000	<loq< td=""></loq<>
Camphor	0.0004000	<loq< td=""><td>Pulegone (+)</td><td>0.0005600</td><td><loq< td=""></loq<></td></loq<>	Pulegone (+)	0.0005600	<loq< td=""></loq<>
Caryophyllene oxide	0.0005800	0.01000	Sabinene	0.0003400	0.03000
Cedrene	0.0004400	<loq< td=""><td>Sabinene Hydrate</td><td>0.0004200</td><td><loq< td=""></loq<></td></loq<>	Sabinene Hydrate	0.0004200	<loq< td=""></loq<>
Cedrol	0.0005600	<loq< td=""><td>Terpinolene</td><td>0.0005000</td><td><loq< td=""></loq<></td></loq<>	Terpinolene	0.0005000	<loq< td=""></loq<>
cis-Nerolidol	0.0006800	<loq< td=""><td>trans-b-Ocimene</td><td>0.0004200</td><td><loq< td=""></loq<></td></loq<>	trans-b-Ocimene	0.0004200	<loq< td=""></loq<>
cis-Ocimene	0.0005200	<loq< td=""><td>trans-Caryophyllene</td><td>0.0006600</td><td>0.4700</td></loq<>	trans-Caryophyllene	0.0006600	0.4700
Eucalyptol	0.0007200	<loq< td=""><td>trans-Nerolidol</td><td>0.0007200</td><td><loq< td=""></loq<></td></loq<>	trans-Nerolidol	0.0007200	<loq< td=""></loq<>
Farnesene	0.0008400	0.04000	Valencene	0.0005600	0.02000
Fenchone	0.0005000	<loq< td=""><td></td><td></td><td></td></loq<>			



Laboratory Director

<u>07/15/2024</u> F Alicia Caruso-Thomas 4 V

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CERTIFICATE OF ANALYSIS

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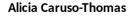
Trace MetalsSample AnalysisDate: 07/12/2024 12:18 PMSOP: NY.SOP.T.40.050PassAnalyzed By: ICP-MSSample Weight: 0.1399 gAnalyst: Moni KanetiAnalyst: Moni Kaneti

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	0.154	PASS
Chromium (Cr)*	0.360	110	<loq< td=""><td>PASS</td></loq<>	PASS
Copper (Cu)*	0.390	30.0	9.13	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	3.16	PASS

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

Mycotoxin Analysis	Sample Analysis	
	Date: 07/11/2024 10:22 AM	SOP: NY.SOP.T.40.180
Pass	Analyzed By: LC-MS/MS	Sample Weight: 0.1 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



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<u>07/15/2024</u> Alicía Caruso-Thomas

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Pass

**Pesticides LC** 



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# Sample Analysis

Date: 07/15/2024 04:11 PM Analyzed By: LC-MS/MS Analyst: Stephanie Knapp **SOP:** NY.SOP.T.040.270 **Sample Weight:** 1 g

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Abamectin*	0.0180	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Acephate*	0.00700	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Acequinocyl*	0.0160	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Acetamiprid*	0.00500	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Aldicarb*	0.00500	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
zadirachtin*	0.0220	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
zoxystrobin*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenazate*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenthrin*	0.00300	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Boscalid*	0.0110	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Carbaryl*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Carbofuran*	0.00500	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
hlorantraniliprole*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
hlormequat chloride*	0.0190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
hlorpyrifos*	0.00900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
ofentezine*	0.0100	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
aminozide*	0.00400	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
iazinon*	0.00700	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
vichlorvos*	0.0120	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
imethoate*	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
0imethomorph*	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
thoprophos*	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
tofenprox*	0.00300	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
toxazole*	0.00500	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
enhexamid*	0.0150	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
enoxycarb*	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
enpyroximate*	0.00200	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
lonicamid*	0.00700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
ludioxonil*	0.0170	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
lexythiazox*	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS

Inidacloprid*         0.00800         0.400 <loq< th="">         PASS           Indole-3-butyric acid*         0.0120         0.400         <loq< td="">         PASS           Malathion*         0.0110         0.200         <loq< td="">         PASS           Malathion*         0.0120         0.200         <loq< td="">         PASS           Metalaxyl*         0.0120         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           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           Premethrins, Total*         0.00600         2.00         <loq< td="">         PASS           Propiconazole*         0.00600         0.200         <loq< td="">         PASS           Propoxur*         0.00600         0.200&lt;</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*         0.0130         0.200         <loq< td="">         PASS           Naled*         0.00500         0.500         <loq< td="">         PASS           Oxamyl*         0.00500         0.200         <loq< td="">         PASS           Paclobutrazol*         0.00700         0.200         <loq< td="">         PASS           Phosmet*         0.00600         0.200         <loq< td="">         PASS           Propiconazole*         0.00600         0.200         <loq< td="">         PASS           Pyridaben*         0.00600         0.200         <loq< td=""><td>Imidacloprid*</td><td>0.00800</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<></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           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*         0.00700         0.200         <loq< td="">         PASS           Phosmet*         0.00600         0.200         <loq< td="">         PASS           Propiconazole*         0.00600         0.200         <loq< td="">         PASS           Propiconazole*         0.00600         0.200         <loq< t<="" td=""><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<></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           Methiorarb*         0.0120         0.400         <loq< td="">         PASS           Methioryl*         0.0120         0.400         <loq< td="">         PASS           Mevinphos*         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           Spinetoram, 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           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*         0.00800         1.00         <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           Propiconazole*         0.00600         0.400         <loq< td="">         PASS           Propoxur*         0.00800         0.200         <loq< td="">         PASS           Propoxur*         0.00600         0.200         <loq< td="">         PASS           Spinoteram, Total*         0.00600         0.200         <l< td=""><td>Malathion*</td><td>0.0110</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></l<></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           Propiconazole*         0.00600         2.00         <loq< td="">         PASS           Propoxur*         0.00600         0.200         <loq< td="">         PASS           Pyridaben*         0.00600         0.200         <loq< td="">         PASS           Spinoresifen*         0.0130         0.200         <loq< td="">         PASS           Spiromesifen*         0.0130         0.200         L</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           Paclobutrazol*         0.00700         0.200         <loq< td="">         PASS           Phosmet*         0.00700         0.200         <loq< td="">         PASS           Propiconazole*         0.00600         2.00         <loq< td="">         PASS           Propiconazole*         0.00600         0.400         <loq< td="">         PASS           Pyrethrins*         0.0140         1.00         <loq< td="">         PASS           Spinoterarm, Total*         0.00600         0.200         <loq< td="">         PASS           Spinosad, Total*         0.00600         0.200         <loq< td="">         PASS           Spiroterramat*         0.00600         0.200         <loq< td="">         PASS           Spirotetramat*         0.00400         0</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           Prallethrin*         0.00800         0.200         <loq< td="">         PASS           Propiconazole*         0.00600         0.400         <loq< td="">         PASS           Propoxur*         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</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           Pinemet*         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           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*         0.00400</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           Prallethrin*         0.00800         0.200         <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           Pridaben*         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*         0.00400</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           Spiromesifen*         0.0130         0.200         <loq< td="">         PASS           Spirotetramat*         0.00400         0.200         <loq< td="">         PASS           Spirotetramat*         0.0120         0.400         <loq< td="">         PASS      Tebuconazole*         0.0120</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*         0.0150         0.400 <loq< th="">         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*         0.00600         2.00         <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*         0.00400         0.200         <loq< td="">         PASS           Tebuconazole*</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*         0.00800         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*         0.00400         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           Propiconazole*         0.00600         0.400         <loq< td="">         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           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           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<></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*         0.00600         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           Propoxur*         0.00800         0.200         <loq< td="">         PASS           Pyrethrins*         0.0140         1.00         <loq< td="">         PASS           Spinetoram, Total*         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*         0.0130         0.200         <loq< td="">         PASS           Spirotetramat*         0.00400         0.200         <loq< td="">         PASS           Spirotetramat*         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           Propiconazole*         0.00800         0.200         <loq< td="">         PASS           Propoxur*         0.00800         0.200         <loq< td="">         PASS           Pyropixur*         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           Spiromesifen*         0.0130         0.200         <loq< td="">         PASS           Spirotetramat*         0.00400         0.200         <loq< td="">         PASS           Spiroxamine*         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<>	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           Spinetoram, Total*         0.00600         0.200         <loq< td="">         PASS           Spinosad, 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           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<></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           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<></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*         0.00400         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<>	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           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<>	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

<u>07/15/2024</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: 5406.1

Pass

**Pesticides GC** 

### Sample Analysis

Date: 07/12/2024 11:46 AMSOP: NYAnalyzed By: GC-MS/MSSampleAnalyst: Stephanie Knapp

<b>SOP:</b> NYS.SOP.T.040.271
Sample Weight: N/A

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>07/15/2024</u> Alicia Caruso-Thomas

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





Mill Lane Chemist Address: 6309 Mill Lane, Brooklyn, NY 11234 Contact Name: Craig Sheikowitz Contact Phone: License #: OCM-PROC-24-000034 Sample ID: 5406



# CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

# **Microbial Impurities - MDG**

Pass

# Sample Analysis

Date: 07/11/2024 01:08 PM Analyzed By: PCR Analyst: Kristy Lee **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>07/15/2024</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: 5406.1

# Microbial Impurities - TAPCSample AnalysisDate: 07/12/2024 11:51 AMSOP: NYS.SOPT.040.200PassAnalyzed By: PlatingAnalyst: Moni Kaneti

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	N/A	<loq< td=""><td>PASS</td></loq<>	PASS

Microbial Impurities - TYMC	Sample Analysis			
	Date: 07/15/2024 03:03 PM	SOP: NYS.SOP.T.040.200		
Pass	Analyzed By: Plating			
	Analyst: Moni Kaneti			

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

### Alicia Caruso-Thomas

Laboratory Director

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# CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5406.1

Pass

# Foreign Matter

## Sample Analysis

Date: 07/10/2024 12:40 PM 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: 07/11/2024 11:20 AM	SOP: NY.SOP.T.040.220		
Pass	Analyzed By: Moisture Balance			
	Analyst: Moni Kaneti			

Analyte	LOQ (%)	Action Limit (%)	Results (%)	Pass/Fail
Moisture Content	0.0	5.0 - 15.0	11.7	PASS

Water Activity	Sample Analysis			
Water Activity	Date: 07/10/2024 04:29 PM SOP: NY.SOP.T.040.210			
Pass	Analyzed By: Water Activity Meter Analyst: Moni Kaneti			

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.65	0.48	PASS

