

Analyte	LOQ (116/6/	LOD (116/6/	70 116/5	Analyte	LOQ (116/6/	LOD (116/6/ 70	116/6

Total THC=THCa \* 0.877 + d9-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD(POT-INST-005), Moisture: Moisture Analyzer(MOISTURE-001), Water Activity: Water Activity Meter(WA-INST-002), Foreign Material: Microscope (FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile						
Analvte	LOO (mg/g)	LOD (mg/g) %	mg/g Analyte	LOO (mg/g)	LOD (mg/g) %	mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

osh M Swider

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Josh Swider Lab Director, Managing Partner 04/11/2024



# **Certificate of Analysis**

ICAL ID: 20240409-029 Sample: CA240409-028-133 Press'd 1G 7-hydroxymitragynine Tablets Strain: Press'd 1G 7-hydroxymitragynine Tablets Category: Ingestible Type: Other Alternative Ventures LLC Lic. # N/A San Diego, CA 92121

Lic.#

#### **QA SAMPLE - INFORMATIONAL ONLY**

2 of 4

Batch#: V010324 Batch Size Collected: Total Batch Size: Collected: 04/11/2024; Received: 04/11/2024 Completed: 04/11/2024

Ν	1oisture NT		m Alkaloids 6 <b>mg/unit</b>	Total Terpenes <b>NT</b>	Water Activity <b>0.405 aw</b>
Summary Batch Kratom Alkaloids Water Activity Residual Solvents Microbials Heavy Metals Foreign Matter Pesticides	WA-PREP-001	Date Tested 04/09/2024 04/09/2024 04/09/2024 04/09/2024 04/09/2024 04/09/2024	Pass Complete Pass - 0.405 aw Pass Pass Pass Pass Pass Pass	en e	Scan to see results

## **Kratom Alkaloid Profile**

Tornono Drofilo

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
7-Hydroxymitragynine	0.8029	0.0603	3.3181	33.1807	18.5496	Paynantheine	0.8025	0.0471	ND	ND	ND
Corynantheidine	0.8097	0.1022	ND	ND	ND	Speciociliatine	0.8029	0.0819	ND	ND	ND
Mitragynine	0.8029	0.0659	0.2671	2.6710	1.4932	Speciogynine	0.8029	0.0729	ND	ND	ND
Mitraphylline	0.8029	0.1034	ND	ND	ND	Total			3.5852	35.8517	20.0428

Total THC=THCa \* 0.877 + d9-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD(POT-INST-005), Moisture: Moisture Analyzer(MOISTURE-001), Water Activity: Water Activity Meter (WA-INST-002), Foreign Material: Microscope (FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

leipene rionie							
Analyte	LOQ (mg/g)	LOD (mg/g) %	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g) %	mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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Josh Swider Lab Director, Managing Partner 04/11/2024



# Certificate of Analysis

ICAL ID: 20240409-029 Sample: CA240409-028-133 Press'd 1G 7-hydroxymitragynine Tablets Strain: Press'd 1G 7-hydroxymitragynine Tablets Category: Ingestible Type: Other Alternative Ventures LLC Lic. # N/A San Diego, CA 92121

Lic.#

3 of 4

Batch#: V010324 Batch Size Collected: Total Batch Size: Collected: 04/11/2024; Received: 04/11/2024 Completed: 04/11/2024

**Residual Solvent Analysis** 

Category 1	LOQ LOD L	imit	Status	Category 2		LOQ	LOD Limit	Status	Category 2		LOQ	LOD	Limit	Status
	<b>µg/g</b> µg/g µg/g ∣	µg/g			µg/g	µg/g	µg/g µg/g			µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	ND 0.264 0.088	1	Pass	Acetone	ND	51.246	0.716 5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND 0.052 0.017	1	Pass	Acetonitrile	ND	0.42	0.14 410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND 0.076 0.025	1	Pass	Butane	ND	4.849	0.748 5000	Pass	Methanol	395.7	2.602	0.867	3000	Pass
Ethylene Oxide	ND 0.579 0.179	1	Pass	Ethanol	ND	7.575	2.525 5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND 0.729 0.08	1	Pass	Ethyl-Acetate	547.3	2.288	0.175 5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND 0.145 0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389 5000	Pass	Toluene	1.3	0.864	0.067	890	Pass
				Heptane	ND	2.859	0.496 5000	Pass	Xylenes	ND	2.572	0.326	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

## **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.013	0.009	0.003	1.5	Pass
Cadmium	0.002	0.002	0.001	0.5	Pass
Lead	0.071	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	1.5	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

### **Microbiological Screening**

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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Josh Swider Lab Director, Managing Partner 04/11/2024



Category 1

# Certificate of Analysis

ICAL ID: 20240409-029 Sample: CA240409-028-133 Press'd 1G 7-hydroxymitragynine Tablets Strain: Press'd 1G 7-hydroxymitragynine Tablets Category: Ingestible Type: Other

100

Alternative Ventures LLC Lic. # N/A San Diego, CA 92121

Status

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Lic.#

#### **QA SAMPLE - INFORMATIONAL ONLY**

4 of 4 Batch#: V010324 Batch Size Collected: Total Batch Size: Collected: 04/11/2024; Received: 04/11/2024 Completed: 04/11/2024

Limit

Status

100

### **Chemical Residue Screening**

Addicarb         ND         0.056         0.022         Pass           Carbofuran         ND         0.030         0.009         Pass           Chlordane         ND         0.0375         0.025         Pass           Chlordpartine         ND         0.057         0.025         Pass           Colmaphos         ND         0.056         0.018         Pass           Compyrifos         ND         0.056         0.012         Pass           Dichlorvos         ND         0.057         0.022         Pass           Ethoprophos         ND         0.053         0.0112         Pass           Ethoprophos         ND         0.0147         0.016         Pass           Fjøronil         ND         0.047         0.016         Pass           Parabion Methyl         ND         0.042         0.014         Pass           Parabion Methyl         ND         0.042         0.014         Pass           Spirosamine         ND         0.042         0.014         Pass           Aceguhate         ND         0.042         0.014         Pass           Aceguhate         ND         0.035         0.012         Spass <tr< th=""><th>Category 1</th><th></th><th></th><th>Q</th><th>LOD</th><th><u>Status</u></th><th>Mycotoxins</th><th>LO</th><th>Q LC</th><th>D L</th><th>imit</th><th><u>Status</u></th></tr<>	Category 1			Q	LOD	<u>Status</u>	Mycotoxins	LO	Q LC	D L	imit	<u>Status</u>
Carbofuran         ND         0.030         0.009         Pass           Chordne         ND         0.075         0.025         Pass           Chordne         ND         0.053         0.018         Pass           Coumaphos         ND         0.053         0.018         Pass           Daminozide         ND         0.056         0.018         Pass           Dichlorvos         ND         0.067         0.022         Pass           Ethoprophos         ND         0.063         0.017         Pass           Ethoprophos         ND         0.033         0.017         Pass           Fenoxycarb         ND         0.045         0.015         Pass           Fenoxycarb         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Parachutracol         ND         0.047         0.016         Pass           Spiroxamine         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Acaephate         ND         0.032         0.011         Pass <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>												
Chordrane         ND         0.075         0.025         Pass           Chordrapyr         ND         0.053         0.018         Pass           Coumaphos         ND         0.056         0.018         Pass           Daminozide         ND         0.057         0.022         Pass           Dimethoate         ND         0.067         0.022         Pass           Ethoprophos         ND         0.067         0.022         Pass           Ethoprophos         ND         0.030         0.008         Pass           Fernovycab         ND         0.043         0.014         Pass           Fernovycab         ND         0.047         0.016         Pass           Parabinor         ND         0.047         0.016         Pass           Parabinor         ND         0.047         0.016         Pass           Spironamine         ND         0.042         0.014         Pass           Spironamine         ND         0.030         0.016         Pass           Acceptate         ND         0.032         0.011         Pass           Acceptate         ND         0.032         0.011         Pass												
Choropyring         ND         0.075         0.025         Pass           Coumaphos         ND         0.053         0.018         Pass           Coumaphos         ND         0.054         0.018         Pass           Dichlorvos         ND         0.067         0.022         Pass           Dichlorvos         ND         0.063         0.017         Pass           Ethoprophos         ND         0.033         0.017         Pass           Ethoprophos         ND         0.033         0.017         Pass           Fipronil         ND         0.043         0.014         Pass           Pass         Imazail         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.047         0.016         Pass         Pass           Propoxur         ND         0.042         0.014         Pass         Pass           Spiroxamine         ND         0.042         0.014         Pass         Pass           Thiacloprid         ND         0.042         0.014         Pass         Mathinon         ND         0.032         0.011         Pass           Acephate         ND         0.032	Carbofuran					Pass						
Chlorpyrifos         ND         0.053         0.018         Pass           Coumaphos         ND         0.056         0.018         Pass           Daminozide         ND         0.057         0.022         Pass           Dimethoate         ND         0.036         0.012         Pass           Ethoprophos         ND         0.033         0.017         Pass           Etofenprox         ND         0.033         0.014         Pass           Fenoxycarb         ND         0.043         0.016         Pass           Parablutrazol         ND         0.047         0.016         Pass           Parablutrazol         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thiacoprid         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thiacoprid         ND         0.047         0.016         Pass           Acequinocyl         ND         0.032         0.011         Pass           Acequinocyl         ND         0.035         0.012         5         Pass <th></th> <th>ND</th> <th></th>		ND										
Countaphos         ND         0.056         0.018         Pass           Daminozide         ND         0.067         0.022         Pass           Dirichlorvos         ND         0.036         0.012         Pass           Ethoprophos         ND         0.033         0.017         Pass           Ethoprophos         ND         0.033         0.018         Pass           Ferroxycarb         ND         0.043         0.014         Pass           Fipronil         ND         0.043         0.016         Pass           Metvinphos         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.047         0.016         Pass           Propoxur         ND         0.047         0.016         Pass           Spiroxamine         ND         0.042         0.011         Pass           Thacloprid         ND         0.042         0.014         Pass           Acequinocyl         ND         0.032         0.031         Pass           Spiroxamine         ND         0.032         0.031         Pass           Acequinocyl         ND         0.030         0.3         Pass	Chlorfenapyr	ND				Pass						
Daminozide         ND         0.079         0.026         Pass           Dichlorvos         ND         0.036         0.012         Pass           Ethoprophos         ND         0.033         0.017         Pass           Ethoprophos         ND         0.033         0.014         Pass           Fenoxycarb         ND         0.043         0.014         Pass           Fenoxycarb         ND         0.043         0.014         Pass           Imazalii         ND         0.047         0.016         Pass           Methicarb         ND         0.047         0.016         Pass           Parablutrazol         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thidcolprid         ND         0.047         0.016         Pass           Thidcolprid         ND         0.047         0.016         Pass           Thidcolprid         ND         0.032         0.011         Pass           Acequinocyl         ND         0.030         0.010         0.3         Pass           Acequinocyl         ND         0.030         0.011         Pass	Chlorpyrifos	ND	0.0	53 (	0.018	Pass						
Dickhorvos         ND         0.067         0.022         Pass           Dimethoate         ND         0.036         0.012         Pass           Etofenprox         ND         0.030         0.008         Pass           Etofenprox         ND         0.043         0.014         Pass           Fenoxycarb         ND         0.043         0.014         Pass           Fripronil         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.042         0.014         Pass           Propowur         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Acephate         ND         0.030         0.010         0.3         Pass           Acephate         ND         0.030         0.010         3         Pass           Acephate         ND         0.050         0.016         5         Pass           Acephate         ND         0.050         0.016<	Coumaphos	ND	0.0	56 (	0.018	Pass						
Dickhorvos         ND         0.067         0.022         Pass           Dimethoate         ND         0.036         0.012         Pass           Etofenprox         ND         0.030         0.008         Pass           Etofenprox         ND         0.043         0.014         Pass           Fenoxycarb         ND         0.043         0.014         Pass           Fripronil         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.042         0.014         Pass           Propowur         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Acephate         ND         0.030         0.010         0.3         Pass           Acephate         ND         0.030         0.010         3         Pass           Acephate         ND         0.050         0.016         5         Pass           Acephate         ND         0.050         0.016<	Daminozide	ND	0.0	79 (	0.026	Pass						
Dimethoate         ND         0.033         0.012         Pass           Ethoprophos         ND         0.033         0.014         Pass           Etofenprox         ND         0.043         0.014         Pass           FenoxyCarb         ND         0.043         0.014         Pass           Fipronil         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Paclobutrazol         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.042         0.011         Pass           Spiroxamine         ND         0.042         0.011         Pass           Spiroxamine         ND         0.032         0.011         Pass           Accephate         ND         0.032         0.011         Pass           Accephate         ND         0.050         0.010         0.3         Pass           Accephate         ND         0.059         0.017         4         Pass         Metalaxyl         ND         0.031         0.016         5         Pass           Accetamiprid         ND         0.035         0.012		ND										
Ethogrophos         ND         0.053         0.017         Pass           Etofenprox         ND         0.043         0.014         Pass           Fipronil         ND         0.043         0.015         Pass           Imazali         ND         0.047         0.016         Pass           Metiniphos         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thiacloprid         ND         0.042         0.014         Pass           Abamectin         ND         0.042         0.014         Pass           Acephate         ND         0.030         0.010         0.3         Pass           Acequinocyl         ND         0.050         0.016         5         Pass         Metalaxyl         ND         0.031         0.012         1         Pass           Acetamiprid         ND         0.050         0.016         5         Pass         Metalaxyl         ND         0.031         0.012												
Etofenpriox         ND         0.030         0.008         Pass           Fenoxycarb         ND         0.045         0.015         Pass           Fipronil         ND         0.045         0.015         Pass           Methiocarb         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Parablutrazol         ND         0.042         0.014         Pass           Parablutrazol         ND         0.042         0.014         Pass           Propoxur         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thiacoprid         ND         0.042         0.014         Pass           Abamectin         ND         0.030         0.010         0.3         Pass           Acephate         ND         0.050         0.016         5         Pass         Metalaxyl         ND         0.032         0.012         5         Pass           Acequinocyl         ND         0.059         0.014         Pass         Metalaxyl         ND         0.031         0.15         Pass	Ethoprophos											
FenoxyCarbND $0.043$ $0.014$ PassFipronilND $0.045$ $0.015$ PassImazaliND $0.047$ $0.016$ PassMetiniposND $0.047$ $0.016$ PassParation MethylND $0.040$ $0.013$ PassParation MethylND $0.042$ $0.016$ PassPropoxurND $0.042$ $0.008$ PassPropoxurND $0.047$ $0.016$ PassPropoxurND $0.047$ $0.016$ PassThiaclopridND $0.042$ $0.011$ PassAbamectinND $0.032$ $0.011$ PassAcequinocylND $0.050$ $0.016$ $5$ PassAcequinocylND $0.059$ $0.019$ $4$ PassAcequinocylND $0.042$ $0.019$ $4$ PassMethylND $0.035$ $0.012$ $5$ PassAcequinocylND $0.044$ $0.015$ $5$ PassAcequinocylND $0.044$ $0.015$ $5$ PassBifenthrinND $0.040$ $0.013$ $0.5$ PassBifenthrinND $0.040$ $0.013$ $0.5$ PassBoscalidND $0.040$ $0.013$ $0.5$ PassBoscalidND $0.040$ $0.013$ $0.5$ PassBoscalidND $0.040$ $0.013$ $0.5$ PassColtrantraniliproleND $0.066$												
Fipronil         ND         0.045         0.015         Pass           Imazalii         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Methiocarb         ND         0.042         0.014         Pass           Parabutrazol         ND         0.042         0.014         Pass           Parathion Methyl         ND         0.024         0.008         Pass           Spiroxamine         ND         0.032         0.011         Pass           Thiacoprid         ND         0.032         0.011         Pass           Abamectin         ND         0.030         0.016         5         Pass           Acequinocyl         ND         0.035         0.016         5         Pass           Acetamiprid         ND         0.044         0.15         5         Pass           Acetamiprid         ND         0.044         0.15         5         Pass           Acetamiprid         ND         0.046         0.11         5         Pass           Bifenzate         ND         0.040         0.13         0.5         Pass         Methomyl         ND												
Imazalil         ND         0.047         0.016         Pass           Methiocarb         ND         0.047         0.016         Pass           Parathion Methyl         ND         0.040         0.013         Pass           Parathion Methyl         ND         0.042         0.014         Pass           Propoxur         ND         0.047         0.016         Pass           Spiroxamine         ND         0.042         0.014         Pass           Spiroxamine         ND         0.042         0.014         Pass           Abamectin         ND         0.033         0.010         0.3         Pass           Accephate         ND         0.059         0.014         Pass         Malathion         ND         0.032         1         Pass           Acequinocyl         ND         0.059         0.016         5         Pass         Malathion         ND         0.031         1         Pass           Acequinocyl         ND         0.035         0.012         5         Pass         Methomyl         ND         0.044         0.15         Pass           Bifenthrin         ND         0.044         0.015         5         Pass <td< th=""><th>1</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	1											
Methiocarb         ND         0.047         0.016         Pass           Mevinphos         ND         0.042         0.014         Pass           Parabuttrazol         ND         0.040         0.013         Pass           Parabuttrazol         ND         0.040         0.013         Pass           Parabuttrazol         ND         0.047         0.016         Pass           Spiroxamine         ND         0.042         0.011         Pass           Thiacloprid         ND         0.042         0.014         Pass           Abamectin         ND         0.032         0.011         Pass           Acephate         ND         0.050         0.016         5         Pass           Acequinocyl         ND         0.059         0.012         4         Pass         Metalaxyl         ND         0.031         0.010         15         Pass           Acetamiprid         ND         0.029         0.010         40         Pass         Metolaxyl         ND         0.048         0.016         5         Pass           Acetamiprid         ND         0.042         0.012         5         Pass         Metolaxyl         ND         0.048												
Mexipphos         ND         0.042         0.014         Pass           Paclobutrazol         ND         0.040         0.013         Pass           Parathion Methyl         ND         0.047         0.016         Pass           Spiroxamine         ND         0.042         0.011         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thiacloprid         ND         0.042         0.014         Pass           Abamectin         ND         0.030         0.010         0.3         Pass           Acequinocyl         ND         0.050         0.016         5         Pass           Acetamiprid         ND         0.050         0.016         5         Pass           Acetamiprid         ND         0.044         0.015         S         Pass           Acetamiprid         ND         0.044         0.015         Pass         Methaxyl         ND         0.048         0.016         0.1         Pass           Acetamiprid         ND         0.044         0.015         Pass         Methomyl         ND         0.046         0.01         Pass           Acetamiprid         ND         0.040												
Pactobutrazol Parathion Methyl         ND         0.040         0.013         Pass Pass           Parathion Methyl         ND         0.047         0.016         Pass           Spiroxamine         ND         0.047         0.016         Pass           Spiroxamine         ND         0.042         0.014         Pass           Thiacloprid         ND         0.042         0.014         Pass           Abarectin         ND         0.030         0.010         0.3         Pass           Acephate         ND         0.030         0.010         3         Pass           Acequinocyl         ND         0.050         0.016         5         Pass           Acetamiprid         ND         0.059         0.019         4         Pass           Acetamiprid         ND         0.052         0.012         5         Pass           Acetamiprid         ND         0.032         0.012         5         Pass           Sifenzate         ND         0.040         0.013         0.5 <pass< td="">         Naled         ND         0.051         0.017         0.5         Pass           Sozald         ND         0.040         0.013         0.5<pass< td="">         N</pass<></pass<>												
Parathion Methyl         ND         0.024         0.008         Pass           Propoxur         ND         0.047         0.016         Pass           Spiroxamine         ND         0.032         0.011         Pass           Thiacloprid         ND         0.042         0.014         Pass           Category 2         LOQ         LOD         Limit         Status           Abamectin         ND         0.030         0.010         0.3         Pass           Acceptinocyl         ND         0.055         0.016         5         Pass         Metalaxyl         ND         0.038         0.012         1         Pass           Accequinocyl         ND         0.059         0.016         5         Pass         Metalaxyl         ND         0.031         0.010         15         Pass           Accequinocyl         ND         0.044         0.015         5         Pass         Methomyl         ND         0.046         0.11         Pass           Accequinocyl         ND         0.044         0.015         5         Pass         Methomyl         ND         0.046         0.11         Pass           Bifenazate         ND         0.033												
$\begin{array}{c c c c c c c c c c c c c c c c c c c $												
Spiroxamine Thiacloprid         ND         0.032         0.011         Pass           Category 2         LOQ         LOQ         Limit         Status         Category 2         LOQ         LOQ         Limit         Status           Abamectin         ND         0.030         0.010         0.3         Pass         Kresoxim Methyl         ND         0.038         0.012         1         Pass           Acephate         ND         0.059         0.014         5         Pass         Malathion         ND         0.033         0.012         5         Pass           Acceptate         ND         0.059         0.012         5         Pass         Methaxyl         ND         0.031         0.010         15         Pass           Accetamiprid         ND         0.044         0.015         5         Pass         Methomyl         ND         0.048         0.016         0.1         Pass           Bifenazate         ND         0.040         0.013         0.5         Pass         Naled         ND         0.046         0.015         0.3         Pass           Captan         ND         0.040         0.013         0.5         Pass         Press         Press	1											
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $												
Category 2LOQLODLimitStatusCategory 2LOQLODLimitStatusAbamectinND0.0300.0100.3PassKresoxim MethylND0.0380.0121PassAcephateND0.0590.0165PassMalathionND0.0350.0125PassAcequinocylND0.0590.0165PassMethomylND0.0310.01015PassAcequinocylND0.0290.01040PassMethomylND0.0480.0160.1PassAzoxystrobinND0.0290.01040PassMyclobutanilND0.0510.0170.5PassBifenazateND0.0350.0125PassNaledND0.0460.0130.5PassBoscalidND0.0400.0130.5PassPermethrinND0.0380.0120.2PassCarbarylND0.0490.0160.5PassPermethrinND0.0380.0120.2PassClofentezineND0.0330.02140PassPropiconazoleND0.0380.0120.2PassClofentezineND0.0340.0191PassPropiconazoleND0.0300.0043PassClofentezineND0.0300.0081.4PassPropiconazoleND0.0300.004 <th></th>												
Acequinocyl         ND         0.059         0.019         4         Pass         Metalaxyl         ND         0.031         0.010         15         Pass           Acetamiprid         ND         0.044         0.015         5         Pass         Methomyl         ND         0.048         0.016         0.1         Pass           Acoxystrobin         ND         0.029         0.010         40         Pass         Myclobutanil         ND         0.048         0.016         0.1         Pass           Bifenthrin         ND         0.035         0.012         5         Pass         Naled         ND         0.051         0.017         0.5         Pass           Bisenthrin         ND         0.040         0.013         0.5         Pass         Oxamyl         ND         0.044         0.018         0.2         Pass           Boscalid         ND         0.49         0.016         0.5         Pass         Permethrin         ND         0.038         0.012         0.2         Pass           Captan         ND         0.039         0.013         0.5         Pass         Premethrin         ND         0.038         0.012         0.2         Pass		ND	µg/g 0.030	µg/g 0.010	µg/g 0.3	Pass		ND	µg/g 0.038	µg/g 0.012	µg/g 1	Pass
Acetamiprid         ND         0.044         0.015         5         Pass         Methomyl         ND         0.048         0.016         0.1         Pass           Azoxystrobin         ND         0.029         0.010         40         Pass         Myclobutanil         ND         0.055         0.018         9         Pass           Bifentrin         ND         0.035         0.012         5         Pass         Naled         ND         0.051         0.017         0.5         Pass           Bifenthrin         ND         0.040         0.013         0.5         Pass         Naled         ND         0.054         0.018         0.2         Pass           Boscalid         ND         0.060         0.020         10         Pass         Pentachloronitrobenzene         ND         0.054         0.018         0.2         Pass           Captan         ND         0.049         0.016         0.5         Pass         Phosmet         ND         0.038         0.012         0.2         Pass           Captan         ND         0.033         0.021         40         Pass         Properonyl Butoxide         ND         0.038         0.012         0.2         Pass	Acephate		0.050	0.016		Pass	Malathion	ND	0.035	0.012		Pass
Azoxystrobin         ND         0.029         0.010         40         Pass         Myclobutanil         ND         0.055         0.018         9         Pass           Bifenazate         ND         0.035         0.012         5         Pass         Naled         ND         0.051         0.017         0.5         Pass           Bifenthrin         ND         0.040         0.013         0.5         Pass         Oxamyl         ND         0.046         0.015         0.3         Pass           Boscalid         ND         0.040         0.013         0.5         Pass         Pentachloronitrobenzene         ND         0.046         0.018         0.2         Pass           Carbaryl         ND         0.049         0.016         0.5         Pass         Phosmet         ND         0.038         0.012         0.2         Pass           Chlorantraniliprole         ND         0.063         0.021         40         Pass         Propiconazole         ND         0.030         0.008         8         Pass           Clofentezine         ND         0.044         0.015         1         Pass         Propiconazole         ND         0.030         0.004         1         Pass <th>Acequinocyl</th> <th></th> <th></th> <th></th> <th></th> <th>Pass</th> <th>Metalaxyl</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Acequinocyl					Pass	Metalaxyl					
Bifenazate         ND         0.035         0.012         5         Pass         Naled         ND         0.051         0.017         0.5         Pass           Bifenthrin         ND         0.040         0.013         0.5         Pass         Oxamyl         ND         0.046         0.015         0.3         Pass           Boscalid         ND         0.060         0.020         10         Pass         Pentachloronitrobenzene         ND         0.054         0.018         0.2         Pass           Captan         ND         0.358         0.120         5         Pass         Permethrin         ND         0.038         0.012         Pass           Carbaryl         ND         0.063         0.021         40         Pass         Piperonyl Butoxide         ND         0.038         0.012         0.2         Pass           Clofentezine         ND         0.039         0.013         0.5         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyridaben         ND         0.030         0.004         3         Pass	Acetamiprid											
Bifenthrin         ND         0.040         0.013         0.5         Pass         Oxamyl         ND         0.046         0.015         0.3         Pass           Boscalid         ND         0.060         0.020         10         Pass         Pentachloronitrobenzene         ND         0.054         0.018         0.2         Pass           Captan         ND         0.358         0.120         5         Pass         Permethrin         ND         0.030         0.008         20         Pass           Carbaryl         ND         0.049         0.016         0.5         Pass         Piperonyl Butoxide         ND         0.038         0.012         0.2         Pass           Chlorantraniliprole         ND         0.039         0.013         0.5         Pass         Propiconazole         ND         0.038         0.012         0.2         Pass           Cyfluthrin         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.030         0.004         1         Pass           Diazinon         ND         0.030         0.006         0.2         Pass         Spinetoram         ND         0.030         0.006         3         P	Azoxystrobin											
Boscalid         ND         0.060         0.020         10         Pass         Pentachloronitrobenzene         ND         0.054         0.018         0.2         Pass           Captan         ND         0.358         0.120         5         Pass         Permethrin         ND         0.030         0.008         20         Pass           Carbaryl         ND         0.049         0.016         0.5         Pass         Phosmet         ND         0.038         0.012         0.2         Pass           Chlorantraniliprole         ND         0.063         0.021         40         Pass         Piperonyl Butoxide         ND         0.030         0.008         8         Pass           Clofentezine         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.044         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Naled</th> <th></th> <th></th> <th></th> <th></th> <th></th>							Naled					
Captan         ND         0.358         0.120         5         Pass         Permethrin         ND         0.030         0.008         20         Pass           Carbaryl         ND         0.049         0.016         0.5         Pass         Phosmet         ND         0.038         0.012         0.2         Pass           Chlorantraniliprole         ND         0.063         0.021         40         Pass         Piperonyl Butoxide         ND         0.030         0.008         8         Pass           Clofentezine         ND         0.039         0.013         0.5         Pass         Prallethrin         ND         0.068         0.023         0.4         Pass           Cyfluthrin         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.030         0.006         0.2         Pass         Spinetoram         ND         0.030         0.006         3         Pass												
Carbaryl         ND         0.049         0.016         0.5         Pass         Phosmet         ND         0.038         0.012         0.2         Pass           Chlorantraniliprole         ND         0.063         0.021         40         Pass         Piperonyl Butoxide         ND         0.030         0.008         8         Pass           Clofentezine         ND         0.039         0.013         0.5         Pass         Prallethrin         ND         0.068         0.023         0.4         Pass           Cyfluthrin         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Diazinon         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.006         3         Pass												
Chlorantraniliprole         ND         0.063         0.021         40         Pass         Piperonyl Butoxide         ND         0.030         0.008         8         Pass           Clofentezine         ND         0.039         0.013         0.5         Pass         Prallethrin         ND         0.068         0.023         0.4         Pass           Cyfluthrin         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Diazinon         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Dimethomorph         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.042         0.014         12         Pass												
Clofentezine         ND         0.039         0.013         0.5         Pass         Prallethrin         ND         0.068         0.023         0.4         Pass           Cyfluthrin         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.030         0.006         0.2         Pass         Pyrethrins         ND         0.030         0.006         3         Pass           Diazinon         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Dimethomorph         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.004         3         Pass           Fenekxamid         ND         0.030         0.013         10         Pass         Spirotetramat         ND         0.041         12         Pass           Fenp												
Cyfluthrin         ND         0.056         0.019         1         Pass         Propiconazole         ND         0.059         0.019         20         Pass           Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.030         0.006         0.2         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.030         0.006         0.2         Pass         Pyridaben         ND         0.030         0.006         3         Pass           Dimethomorph         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Etoxazole         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.004         3         Pass           Fenexamid         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         12         Pass           Flonicamid <th></th>												
Cypermethrin         ND         0.044         0.015         1         Pass         Pyrethrins         ND         0.030         0.004         1         Pass           Diazinon         ND         0.030         0.006         0.2         Pass         Pyridaben         ND         0.035         0.012         3         Pass           Dimethomorph         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Etoxazole         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.004         3         Pass           Fenhexamid         ND         0.039         0.013         10         Pass         Spirotesramat         ND         0.042         0.014         12         Pass           Fenpyroximate         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         12         Pass           Flonicamid         ND         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil												
Diazinon         ND         0.030         0.006         0.2         Pass         Pyridaben         ND         0.035         0.012         3         Pass           Dimethomorph         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Etoxazole         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.004         3         Pass           Fenhexamid         ND         0.039         0.013         10         Pass         Spiromesifen         ND         0.042         0.014         12         Pass           Fenpyroximate         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         1.3         Pass           Flonicamid         ND         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.031         0.010         30         Pass           Hexythiazox         <												
Dimethomorph         ND         0.042         0.014         20         Pass         Spinetoram         ND         0.030         0.006         3         Pass           Etoxazole         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.004         3         Pass           Fenhexamid         ND         0.039         0.013         10         Pass         Spiromesifen         ND         0.042         0.014         12         Pass           Fenpyroximate         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         0.013         13         Pass           Flonicamid         ND         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.031         0.010         30         Pass           Hexythiazox         ND         0.026         2         Pass         Trifloxystrobin         ND         0.010         30         Pass	Cypermethrin					Pass		ND				Pass
Etoxazole         ND         0.030         0.008         1.5         Pass         Spinosad         ND         0.030         0.004         3         Pass           Fenhexamid         ND         0.039         0.013         10         Pass         Spiromesifen         ND         0.042         0.014         12         Pass           Fenpyroximate         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         0.013         13         Pass           Flonicamid         ND         0.081         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.055         0.018         4.5         Pass           Hexythiazox         ND         0.026         2         Pass         Trifloxystrobin         ND         0.010         30         Pass	Diazinon					Pass					3	
Fenhexamid         ND         0.039         0.013         10         Pass         Spiromesifen         ND         0.042         0.014         12         Pass           Fenpyroximate         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         0.013         13         Pass           Flonicamid         ND         0.081         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.055         0.018         4.5         Pass           Hexythiazox         ND         0.026         2         Pass         Trifloxystrobin         ND         0.010         30         Pass						Pass					3	
Fenpyroximate         ND         0.030         0.010         2         Pass         Spirotetramat         ND         0.041         0.013         13         Pass           Flonicamid         ND         0.081         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.055         0.018         4.5         Pass           Hexythiazox         ND         0.078         0.026         2         Pass         Trifloxystrobin         ND         0.010         30         Pass	Etoxazole			0.008					0.030			
Flonicamid         ND         0.081         0.027         2         Pass         Tebuconazole         ND         0.044         0.014         2         Pass           Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.055         0.018         4.5         Pass           Hexythiazox         ND         0.078         0.026         2         Pass         Trifloxystrobin         ND         0.010         30         Pass			0.039	0.013		Pass		ND		0.014		Pass
Fludioxonil         ND         0.046         0.015         30         Pass         Thiamethoxam         ND         0.055         0.018         4.5         Pass           Hexythiazox         ND         0.078         0.026         2         Pass         Trifloxystrobin         ND         0.031         0.010         30         Pass	Fenpyroximate				2	Pass		ND	0.041		13	Pass
Hexythiazox         ND         0.078         0.026         2         Pass         Trifloxystrobin         ND         0.031         0.010         30         Pass						Pass	Tebuconazole	ND		0.014		Pass
	Fludioxonil				30	Pass	Thiamethoxam	ND	0.055	0.018	4.5	Pass
Imidacloprid ND 0.071 0.023 3 Pass	Hexythiazox		0.078			Pass	Trifloxystrobin	ND	0.031	0.010	30	Pass
	Imidacloprid	ND	0.071	0.023	3	Pass						

### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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Josh Swider Lab Director, Managing Partner 04/11/2024