



# PINNACLE ANALYTICS

## Potency Results

**Sample Name:** *Thai Lights*  
**Client:** AlienHouse  
**Client Batch ID:** 1.5g Joint

Pinnacle-Analytics.com  
3549 Lear Way, Suite 101  
Medford OR 97504  
P:(541)300-8217

**Batch ID:** AH-FL-062425-PR04

Date Sampled: 8/22/2025

**Matrix:** Flower

Date Reported: 9/15/2025

**Prep Analyst:** Jeff A.

Client License: 428898

**Analysis Method:** 0711014 H3 7-15-2025 #1.lcm

1928 S. Andrews Ave

**Sampling Method:** N/A

Fort Lauderdale FL 33316

**Reference Method:** JCB 2009: HPLC/DAD

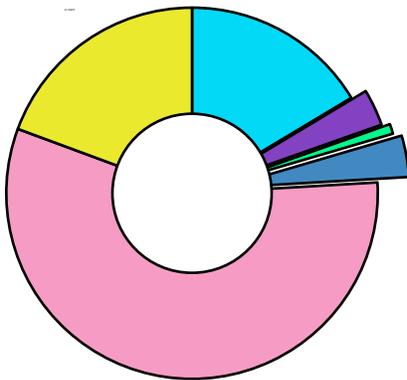
**Analysis Batch:** 8-23-2025 H3 302, 415 Flower

**Total THC** 0%  
**Total CBD** 4.74%

**Moisture Content** (0.877+d9-THC)

**Water Activity** (0.877+0.877+CBD)

5.76%  
0.48



Cannabinoid	% Weight	mg/g
CBDV	<LOQ	<LOQ
CBDA	4.32	43.2
CBGA	0.841	8.41
CBG	0.227	2.27
CBD	0.951	9.51
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC	<LOQ	<LOQ
d8-THC	14.9	149.0
CBC	<LOQ	<LOQ
THCA	<LOQ	<LOQ
d9-THCP	5.1	51.0
d8-THCP	<LOQ	<LOQ
<b>Total Cannabinoids</b>	<b>26.34</b>	<b>263.0</b>

\*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured

- CBDA
- CBD
- CBGA
- d8-THC
- CBG
- d9-THCP



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Report generated by flex\_potency\_rev2

Kris Ford, PhD  
Lab Director



# PINNACLE

— ANALYTICS —

## Quality Control Results

**Analyst:** Jeff A.

**Analysis Batch:** 8-23-2025 H3 302, 415 Flower

Pinnacle-Analytics.com  
3549 Lear Way, Suite 101  
Medford OR 97504  
P:(541)300-8217

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-F1722-b	Limit	C-FL-082325	Limits	C-FB-082325	Limit
<b>CBDA</b>	<LOQ%	30%	95.7%	90-110%	<LOQ/2	LOQ/2
<b>CBD</b>	N/A%	30%	108%	90-110%	<LOQ/2	LOQ/2
<b>d9-THC</b>	<LOQ%	30%	105%	90-110%	<LOQ/2	LOQ/2
<b>d8-THC</b>	N/A%	10%	103%	90-110%	<LOQ/2	LOQ/2
<b>THCA</b>	<LOQ%	30%	93.6%	90-110%	<LOQ/2	LOQ/2

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD  
Lab Director



# PINNACLE

— ANALYTICS —

## Microbiology Results

**Sample Name:** *Thai Lights*

**Client:** AlienHouse

**Client Batch ID:** N/A

Pinnacle-Analytics.com  
3549 Lear Way, Suite 101  
Medford OR 97504  
P:(541)300-8217

**Sample ID:** rB-H-302-F1731

Date Received: 08-22-2025

**Matrix:** Flower

Date Reported: 9-15-2025

**Prep Analyst:** Megan A.

Client License: 428898

**Sampling Method:** N/A

1928 S. Andrews Ave

**Reference Method:** AOAC MG Salmonella & STEC Multiplex Assay

Fort Lauderdale FL 33316

**Analysis Method:** Microbiological Contaminants Detection in Cannabis SOP Rev 2

**Analysis Batch:** 8-22-2025 q2 0, 302 B

Name	Lab ID	STEC	Salmonella
Thai Lights	rB-H-302-F1731	Pass	Pass

### Quality Controls

Name	Lab ID	STEC	Salmonella
Negative Control	B-IB-082225	Absent	Absent
Positive Control	B-BL-082225	Present	Present
Method Blank	B-FB-082225	Absent	Absent

There were no divergences from ordinary Quality Control procedures or SOPs.

Limit of Detection: 1 CFU

  
Kris Ford, PhD  
Lab Director

Sample Name: <b>Thai Lights F1731</b>	License: <b>010-101599328A3</b>
Tested for: <b>Pinnacle Analytics LLC</b>	Date Sampled: <b>08/21/25 00:00</b>
<b>R&amp;D Testing</b>	Date Accepted: <b>08/21/25</b>
Laboratory ID: <b>25H0117-04</b>	Strain: <b>Thai Lights</b>
Matrix: <b>Useable Marijuana</b>	Sample Metrc ID: <b>N/A</b>
Lot # <b>N/A</b>	Batch RFID: <b>N/A</b>
	Batch Size: <b>N/A</b>

### Pesticide Analysis in ppm

Date Extracted: 08/25/25      Analysis Method: SC-OR-ORG-003  
 Date Analyzed: 08/26/25      Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.21	Acephate	< LOQ	0.4	0.02
Acequinocyl	< LOQ	2	0.02	Acetamiprid	< LOQ	0.2	0.02
Aldicarb	< LOQ	0.4	0.04	Azoxystrobin	< LOQ	0.2	0.02
Bifenazate	< LOQ	0.2	0.02	Bifenthrin	< LOQ	0.2	0.08
Boscalid	< LOQ	0.4	0.02	Carbaryl	< LOQ	0.2	0.02
Carbofuran	< LOQ	0.2	0.02	Chlorantraniliprole	< LOQ	0.2	0.02
Chlorfenapyr	< LOQ	1	0.41	Chlorpyrifos	< LOQ	0.2	0.02
Clofentezine	< LOQ	0.2	0.02	Cyfluthrin	< LOQ	1	0.33
Cypermethrin	< LOQ	1	0.16	Daminozide	< LOQ	1	0.08
DDVP (Dichlorvos)	< LOQ	1	0.02	Diazinon	< LOQ	0.2	0.02
Dimethoate	< LOQ	0.2	0.02	Ethoprophos	< LOQ	0.2	0.02
Etofenprox	< LOQ	0.4	0.02	Etoxazole	< LOQ	0.2	0.02
Fenoxycarb	< LOQ	0.2	0.02	Fenpyroximate	< LOQ	0.4	0.02
Fipronil	< LOQ	0.4	0.04	Fonicamid	< LOQ	1	0.02
Fludioxonil	< LOQ	0.4	0.08	Hexythiazox	< LOQ	1	0.02
Imazalil	< LOQ	0.2	0.02	Imidacloprid	< LOQ	0.4	0.02
Kresoxim-methyl	< LOQ	0.4	0.02	Malathion	< LOQ	0.2	0.02
Metalaxyl	< LOQ	0.2	0.02	Methiocarb	< LOQ	0.2	0.02
Methomyl	< LOQ	0.4	0.04	Methyl parathion	< LOQ	0.2	0.08
MGK-264	< LOQ	0.2	0.02	Myclobutanil	< LOQ	0.2	0.02
Naled	< LOQ	0.5	0.04	Oxamyl	< LOQ	1	0.02
Paclobutrazol	< LOQ	0.4	0.02	Permethrins (total)	< LOQ	0.2	0.08
Phosmet	< LOQ	0.2	0.02	Piperonyl butoxide	< LOQ	2	0.02
Prallethrin	< LOQ	0.2	0.04	Propiconazole	< LOQ	0.4	0.16
Propoxur	< LOQ	0.2	0.02	Pyrethrins (total)	< LOQ	1	0.41
Pyridaben	< LOQ	0.2	0.02	Spinosad	< LOQ	0.2	0.02
Spiromesifen	< LOQ	0.2	0.02	Spirotetramat	< LOQ	0.2	0.04
Spiroxamine	< LOQ	0.4	0.01	Tebuconazole	< LOQ	0.4	0.02
Thiacloprid	< LOQ	0.2	0.02	Thiamethoxam	< LOQ	0.2	0.02
Trifloxystrobin	< LOQ	0.2	0.02				

<LOQ - Results below the Limit of Quantitation



Justin Miller For Breeanna Hamilton  
 Lab Director

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**Sample Name:** Thai Lights F1731 **License:** 010-101599328A3  
**Tested for:** Pinnacle Analytics LLC **Date Sampled:** 08/21/25 00:00  
 R&D Testing **Date Accepted:** 08/21/25

**Laboratory ID:** 25H0117-04 **Strain:** Thai Lights **Sample Metric ID:** N/A  
**Matrix:** Useable Marijuana **Batch RFID:** N/A  
**Lot #** N/A **Batch Size:** N/A

### Mycotoxin Analysis by LCMSMS

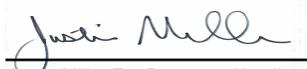
**Date/Time Extracted:** 08/25/25 14:15

**Analysis Method/SOP:** SC-OR-ORG-003

**Date/Time Analyzed:** 08/26/25

Results above the action levels are highlighted in red #.

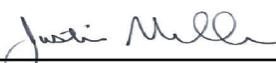
Analyte	Result	LOQ	Units	Action Level
Aflatoxin B1	< LOQ	0.004	ppm	0.02
Aflatoxin B2	< LOQ	0.004	ppm	0.02
Aflatoxin G1	< LOQ	0.004	ppm	0.02
Aflatoxin G2	< LOQ	0.004	ppm	0.02
Aflatoxins (Total)	< LOQ	0.004	ppm	0.02
Ochratoxin A	< LOQ	0.008	ppm	0.02



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Sample Name: <b>Thai Lights F1731</b>	License: <b>010-101599328A3</b>			
Tested for: <b>Pinnacle Analytics LLC R&amp;D Testing</b>	Date Sampled: <b>08/21/25</b> Date Accepted: <b>08/21/25</b>			
Laboratory ID: <b>25H0117-04</b> Strain: <b>Thai Lights</b>	Sample Metrc ID: <b>N/A</b>			
Matrix: <b>Useable Marijuana</b>	Batch RFID: <b>N/A</b>			
Lot # <b>N/A</b>	Batch Size: <b>N/A</b>			
<b>Metals Analysis by ICPMS</b>				
Date/Time Extracted: <b>08/25/25 14:55</b>	Analysis Method/SOP: <b>AOAC 2013.06</b>			
Date/Time Analyzed: <b>08/26/25</b>	Results above the action levels are highlighted in <b>red #</b> .			
Analyte	Result	LOQ	Units	Action Level
Arsenic (As)	< LOQ	0.086	ug/g	0.2
Cadmium (Cd)	< LOQ	0.086	ug/g	0.2
Lead (Pb)	< LOQ	0.086	ug/g	0.5
Mercury (Hg)	< LOQ	0.043	ug/g	0.1




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 Lab Director

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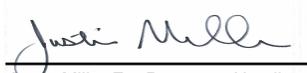
### Case Narrative

**Pesticides** - Acephate result was above QC criteria in the Method Blank. Analyte was below the reporting limit in all client samples.

## Quality Control Pesticide Analysis

**Batch: B252575 - Pesticide Prep**

Blank(B252575-BLK1)		Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:09						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	< LOQ	ppm						
Acephate	< LOQ	ppm						
Acequinocyl	< LOQ	ppm						
Acetamiprid	< LOQ	ppm						
Aldicarb	< LOQ	ppm						
Azoxystrobin	< LOQ	ppm						
Bifenazate	< LOQ	ppm						
Bifenthrin	< LOQ	ppm						
Boscalid	< LOQ	ppm						
Carbaryl	< LOQ	ppm						
Carbofuran	< LOQ	ppm						
Chlorantraniliprole	< LOQ	ppm						
Chlorfenapyr	< LOQ	ppm						
Chlorpyrifos	< LOQ	ppm						
Clofentezine	< LOQ	ppm						
Cyfluthrin	< LOQ	ppm						
Cypermethrin	< LOQ	ppm						
Daminozide	< LOQ	ppm						
DDVP (Dichlorvos)	< LOQ	ppm						
Diazinon	< LOQ	ppm						
Dimethoate	< LOQ	ppm						
Ethoprophos	< LOQ	ppm						
Etofenprox	< LOQ	ppm						
Etoxazole	< LOQ	ppm						
Fenoxycarb	< LOQ	ppm						
Fenpyroximate	< LOQ	ppm						
Fipronil	< LOQ	ppm						
Fonicamid	< LOQ	ppm						
Fludioxonil	< LOQ	ppm						
Hexythiazox	< LOQ	ppm						



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Lab Director

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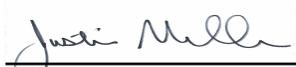
## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

Blank(B252575-BLK1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:09					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Imazalil	< LOQ	ppm						
Imidacloprid	< LOQ	ppm						
Kresoxim-methyl	< LOQ	ppm						
Malathion	< LOQ	ppm						
Metalaxyl	< LOQ	ppm						
Methiocarb	< LOQ	ppm						
Methomyl	< LOQ	ppm						
Methyl parathion	< LOQ	ppm						
MGK-264	< LOQ	ppm						
Myclobutanil	< LOQ	ppm						
Naled	< LOQ	ppm						
Oxamyl	< LOQ	ppm						
Paclbutrazol	< LOQ	ppm						
Permethrins (total)	< LOQ	ppm						
Phosmet	< LOQ	ppm						
Piperonyl butoxide	< LOQ	ppm						
Prallethrin	< LOQ	ppm						
Propiconazole	< LOQ	ppm						
Propoxur	< LOQ	ppm						
Pyrethrins (total)	< LOQ	ppm						
Pyridaben	< LOQ	ppm						
Spinosad	< LOQ	ppm						
Spiromesifen	< LOQ	ppm						
Spirotetramat	< LOQ	ppm						
Spiroxamine	< LOQ	ppm						
Tebuconazole	< LOQ	ppm						
Thiacloprid	< LOQ	ppm						
Thiamethoxam	< LOQ	ppm						
Trifloxystrobin	< LOQ	ppm						

LCS(B252575-BS1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.96	ppm	1.94		101	50-150		
Acephate	1.80	ppm	2.00		89.8	60-120		
Acequinocyl	1.80	ppm	2.00		89.8	40-160		



Justin Miller For Breeanna Hamilton  
Lab Director

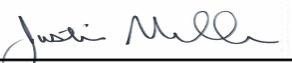
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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

LCS(B252575-BS1)		Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:25						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acetamiprid	1.92	ppm	2.00		96.2	60-120		
Aldicarb	2.06	ppm	2.00		103	60-120		
Azoxystrobin	1.95	ppm	2.00		97.3	60-120		
Bifenazate	1.96	ppm	2.00		98.2	60-120		
Bifenthrin	1.67	ppm	2.00		83.4	50-150		
Boscalid	1.94	ppm	2.00		97.2	60-120		
Carbaryl	1.92	ppm	2.00		95.8	60-120		
Carbofuran	1.97	ppm	2.00		98.7	60-120		
Chlorantraniliprole	1.92	ppm	2.00		96.1	60-120		
Chlorfenapyr	1.83	ppm	2.00		91.7	60-120		
Chlorpyrifos	1.73	ppm	2.00		86.4	60-120		
Clofentezine	2.01	ppm	2.00		100	60-120		
Cyfluthrin	1.77	ppm	2.00		88.4	50-150		
Cypermethrin	1.69	ppm	2.00		84.4	50-150		
Daminozide	2.21	ppm	2.00		111	60-120		
DDVP (Dichlorvos)	1.91	ppm	2.00		95.3	60-120		
Diazinon	1.89	ppm	2.00		94.5	60-120		
Dimethoate	1.90	ppm	2.00		95.1	60-120		
Ethoprophos	1.94	ppm	2.00		96.8	60-120		
Etofenprox	1.79	ppm	2.00		89.6	50-150		
Etoxazole	1.90	ppm	2.00		94.8	60-120		
Fenoxycarb	2.08	ppm	2.00		104	60-120		
Fenpyroximate	1.91	ppm	2.00		95.3	60-120		
Fipronil	1.80	ppm	2.00		90.2	60-120		
Flonicamid	1.84	ppm	2.00		91.8	60-120		
Fludioxonil	2.42	ppm	2.00		121	50-150		
Hexythiazox	1.71	ppm	2.00		85.5	60-120		
Imazalil	1.81	ppm	2.00		90.3	60-120		
Imidacloprid	1.90	ppm	2.00		95.2	60-120		
Kresoxim-methyl	1.98	ppm	2.00		99.2	60-120		
Malathion	1.80	ppm	2.00		90.1	60-120		
Metalaxyl	1.84	ppm	2.00		91.8	60-120		
Methiocarb	1.86	ppm	2.00		92.9	60-120		
Methomyl	1.70	ppm	2.00		85.0	60-120		
Methyl parathion	2.06	ppm	2.00		103	50-150		



Justin Miller For Breeanna Hamilton  
Lab Director

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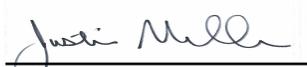
## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

LCS(B252575-BS1)		Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:25						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MGK-264	1.93	ppm	2.00		96.3	50-150		
Myclobutanil	1.99	ppm	2.00		99.6	60-120		
Naled	1.91	ppm	2.00		95.5	50-150		
Oxamyl	1.80	ppm	2.00		90.1	60-120		
Paclobutrazol	1.91	ppm	2.00		95.4	60-120		
Permethrins (total)	1.99	ppm	2.00		99.4	50-150		
Phosmet	1.83	ppm	2.00		91.4	50-150		
Piperonyl butoxide	1.92	ppm	2.00		96.2	60-120		
Prallethrin	1.96	ppm	2.00		97.9	60-120		
Propiconazole	1.94	ppm	2.00		96.8	60-120		
Propoxur	1.95	ppm	2.00		97.6	60-120		
Pyrethrins (total)	1.06	ppm	1.22		87.3	60-120		
Pyridaben	1.75	ppm	2.00		87.3	50-150		
Spinosad	2.09	ppm	2.00		104	50-150		
Spiromesifen	1.87	ppm	2.00		93.6	60-120		
Spirotetramat	2.00	ppm	2.00		100	60-120		
Spiroxamine	1.86	ppm	2.00		92.8	60-120		
Tebuconazole	1.96	ppm	2.00		98.0	60-120		
Thiacloprid	1.85	ppm	2.00		92.6	60-120		
Thiamethoxam	1.83	ppm	2.00		91.3	60-120		
Trifloxystrobin	1.89	ppm	2.00		94.6	60-120		

Matrix Spike(B252575-MS1)		Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:41						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.87	ppm	1.64	< LOQ	114	30-200		
Acephate	1.57	ppm	1.69	< LOQ	92.9	30-200		
Acequinocyl	1.49	ppm	1.69	< LOQ	88.0	30-200		
Acetamiprid	1.69	ppm	1.69	< LOQ	100	30-200		
Aldicarb	1.61	ppm	1.69	< LOQ	95.4	30-200		
Azoxystrobin	1.61	ppm	1.69	< LOQ	95.4	30-200		
Bifenazate	1.71	ppm	1.69	< LOQ	101	30-200		
Bifenthrin	1.07	ppm	1.69	< LOQ	63.6	30-200		
Boscalid	1.34	ppm	1.69	< LOQ	79.5	30-200		
Carbaryl	1.54	ppm	1.69	< LOQ	91.5	30-200		
Carbofuran	1.60	ppm	1.69	< LOQ	95.1	30-200		



Justin Miller For Breeanna Hamilton  
Lab Director

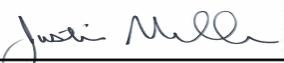
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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

Matrix Spike(B252575-MS1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:41					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Chlorantraniliprole	2.12	ppm	1.69	< LOQ	126	30-200		
Chlorfenapyr	1.30	ppm	1.69	< LOQ	77.3	30-200		
Chlorpyrifos	1.65	ppm	1.69	< LOQ	97.6	30-200		
Clofentezine	1.19	ppm	1.69	< LOQ	70.7	30-200		
Cyfluthrin	1.58	ppm	1.69	< LOQ	93.9	30-200		
Cypermethrin	1.59	ppm	1.69	< LOQ	94.1	30-200		
Daminozide	1.41	ppm	1.69	< LOQ	83.7	30-200		
DDVP (Dichlorvos)	1.73	ppm	1.69	< LOQ	102	30-200		
Diazinon	1.53	ppm	1.69	< LOQ	90.8	30-200		
Dimethoate	1.55	ppm	1.69	< LOQ	91.6	30-200		
Ethoprophos	1.70	ppm	1.69	< LOQ	101	30-200		
Etofenprox	1.36	ppm	1.69	< LOQ	80.9	30-200		
Etoxazole	1.65	ppm	1.69	< LOQ	97.9	30-200		
Fenoxycarb	1.73	ppm	1.69	< LOQ	103	30-200		
Fenpyroximate	1.90	ppm	1.69	< LOQ	113	30-200		
Fipronil	1.30	ppm	1.69	< LOQ	77.2	30-200		
Flonicamid	1.62	ppm	1.69	< LOQ	95.8	30-200		
Fludioxonil	1.76	ppm	1.69	< LOQ	104	30-200		
Hexythiazox	1.79	ppm	1.69	< LOQ	106	30-200		
Imazalil	1.59	ppm	1.69	0.007	93.6	30-200		
Imidacloprid	1.75	ppm	1.69	< LOQ	104	30-200		
Kresoxim-methyl	1.63	ppm	1.69	< LOQ	96.5	30-200		
Malathion	1.60	ppm	1.69	< LOQ	95.1	30-200		
Metalaxyl	1.61	ppm	1.69	< LOQ	95.6	30-200		
Methiocarb	1.71	ppm	1.69	< LOQ	101	30-200		
Methomyl	1.36	ppm	1.69	< LOQ	80.4	30-200		
Methyl parathion	1.51	ppm	1.69	< LOQ	89.7	30-200		
MGK-264	1.47	ppm	1.69	< LOQ	87.0	30-200		
Myclobutanil	1.63	ppm	1.69	< LOQ	96.4	30-200		
Naled	1.38	ppm	1.69	< LOQ	82.1	30-200		
Oxamyl	1.52	ppm	1.69	< LOQ	89.9	30-200		
Paclobutrazol	1.70	ppm	1.69	< LOQ	101	30-200		
Permethrins (total)	1.57	ppm	1.69	< LOQ	93.0	30-200		
Phosmet	1.57	ppm	1.69	< LOQ	93.0	30-200		
Piperonyl butoxide	1.60	ppm	1.69	< LOQ	94.7	30-200		



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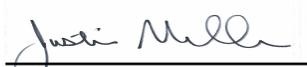
## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

Matrix Spike(B252575-MS1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:41					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Prallethrin	1.52	ppm	1.69	< LOQ	90.0	30-200		
Propiconazole	1.39	ppm	1.69	< LOQ	82.2	30-200		
Propoxur	1.57	ppm	1.69	< LOQ	92.8	30-200		
Pyrethrins (total)	0.95	ppm	1.03	< LOQ	92.2	30-200		
Pyridaben	1.02	ppm	1.69	< LOQ	60.4	30-200		
Spinosad	1.67	ppm	1.69	< LOQ	99.3	30-200		
Spiromesifen	1.51	ppm	1.69	< LOQ	89.6	30-200		
Spirotetramat	1.82	ppm	1.69	< LOQ	108	30-200		
Spiroxamine	1.58	ppm	1.69	< LOQ	93.8	30-200		
Tebuconazole	1.56	ppm	1.69	< LOQ	92.4	30-200		
Thiacloprid	1.64	ppm	1.69	< LOQ	97.5	30-200		
Thiamethoxam	1.59	ppm	1.69	< LOQ	94.0	30-200		
Trifloxystrobin	1.33	ppm	1.69	< LOQ	79.0	30-200		

Matrix Spike Dup(B252575-MSD1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.70	ppm	1.67	< LOQ	102	30-200	11.1	30
Acephate	1.54	ppm	1.72	< LOQ	89.7	30-200	3.52	30
Acequinocyl	1.46	ppm	1.72	< LOQ	84.9	30-200	3.64	35
Acetamiprid	1.69	ppm	1.72	< LOQ	98.7	30-200	1.79	30
Aldicarb	1.54	ppm	1.72	< LOQ	89.5	30-200	6.40	30
Azoxystrobin	1.60	ppm	1.72	< LOQ	93.0	30-200	2.59	30
Bifenazate	1.74	ppm	1.72	< LOQ	101	30-200	0.00188	30
Bifenthrin	1.09	ppm	1.72	< LOQ	63.2	30-200	0.565	30
Boscalid	1.35	ppm	1.72	< LOQ	78.6	30-200	1.09	30
Carbaryl	1.52	ppm	1.72	< LOQ	88.3	30-200	3.61	30
Carbofuran	1.56	ppm	1.72	< LOQ	90.8	30-200	4.65	30
Chlorantraniliprole	1.97	ppm	1.72	< LOQ	114	30-200	9.33	30
Chlorfenapyr	1.34	ppm	1.72	< LOQ	77.8	30-200	0.650	50
Chlorpyrifos	1.69	ppm	1.72	< LOQ	98.2	30-200	0.525	30
Clofentezine	1.23	ppm	1.72	< LOQ	71.6	30-200	1.23	30
Cyfluthrin	1.72	ppm	1.72	< LOQ	100	30-200	6.56	50
Cypermethrin	1.72	ppm	1.72	< LOQ	100	30-200	6.17	30
Daminozide	1.47	ppm	1.72	< LOQ	85.7	30-200	2.36	30
DDVP (Dichlorvos)	1.73	ppm	1.72	< LOQ	101	30-200	1.66	30



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Lab Director

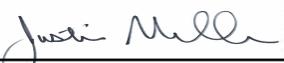
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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

Matrix Spike Dup(B252575-MSD1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Diazinon	1.57	ppm	1.72	< LOQ	91.2	30-200	0.436	30
Dimethoate	1.52	ppm	1.72	< LOQ	88.7	30-200	3.21	30
Ethoprophos	1.74	ppm	1.72	< LOQ	101	30-200	0.497	30
Etofenprox	1.40	ppm	1.72	< LOQ	81.8	30-200	1.16	30
Etoxazole	1.73	ppm	1.72	< LOQ	101	30-200	2.80	30
Fenoxycarb	1.77	ppm	1.72	< LOQ	103	30-200	0.353	30
Fenpyroximate	1.96	ppm	1.72	< LOQ	114	30-200	1.44	30
Fipronil	1.42	ppm	1.72	< LOQ	82.6	30-200	6.83	30
Flonicamid	1.69	ppm	1.72	< LOQ	98.5	30-200	2.85	30
Fludioxonil	1.85	ppm	1.72	< LOQ	107	30-200	3.03	50
Hexythiazox	1.91	ppm	1.72	< LOQ	111	30-200	4.60	30
Imazalil	1.52	ppm	1.72	0.007	87.9	30-200	6.24	30
Imidacloprid	1.70	ppm	1.72	< LOQ	99.2	30-200	4.35	30
Kresoxim-methyl	1.68	ppm	1.72	< LOQ	97.9	30-200	1.51	30
Malathion	1.62	ppm	1.72	< LOQ	94.6	30-200	0.540	30
Metalaxyl	1.58	ppm	1.72	< LOQ	92.1	30-200	3.76	30
Methiocarb	1.72	ppm	1.72	< LOQ	100	30-200	0.807	30
Methomyl	1.38	ppm	1.72	< LOQ	80.2	30-200	0.296	30
Methyl parathion	1.66	ppm	1.72	< LOQ	96.5	30-200	7.26	30
MGK-264	1.51	ppm	1.72	< LOQ	87.7	30-200	0.753	30
Myclobutanil	1.67	ppm	1.72	< LOQ	97.1	30-200	0.722	30
Naled	1.47	ppm	1.72	< LOQ	85.3	30-200	3.90	30
Oxamyl	1.49	ppm	1.72	< LOQ	86.7	30-200	3.64	30
Paclobutrazol	1.65	ppm	1.72	< LOQ	95.8	30-200	4.97	30
Permethrins (total)	1.51	ppm	1.72	< LOQ	88.1	30-200	5.39	30
Phosmet	1.50	ppm	1.72	< LOQ	87.3	30-200	6.26	30
Piperonyl butoxide	1.62	ppm	1.72	< LOQ	94.4	30-200	0.338	30
Prallethrin	1.57	ppm	1.72	< LOQ	91.3	30-200	1.41	30
Propiconazole	1.43	ppm	1.72	< LOQ	83.1	30-200	1.11	30
Propoxur	1.48	ppm	1.72	< LOQ	86.4	30-200	7.16	30
Pyrethrins (total)	0.98	ppm	1.05	< LOQ	94.0	30-200	1.98	30
Pyridaben	1.09	ppm	1.72	< LOQ	63.6	30-200	5.16	30
Spinosad	1.70	ppm	1.72	< LOQ	99.0	30-200	0.298	30
Spiromesifen	1.55	ppm	1.72	< LOQ	90.3	30-200	0.782	30
Spirotetramat	1.89	ppm	1.72	< LOQ	110	30-200	1.49	30

  
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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252575 - Pesticide Prep (Continued)**

Matrix Spike Dup(B252575-MSD1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Spiroxamine	1.53	ppm	1.72	< LOQ	89.0	30-200	5.24	30
Tebuconazole	1.63	ppm	1.72	< LOQ	94.6	30-200	2.42	30
Thiacloprid	1.64	ppm	1.72	< LOQ	95.7	30-200	1.89	30
Thiamethoxam	1.61	ppm	1.72	< LOQ	93.7	30-200	0.353	30
Trifloxystrobin	1.34	ppm	1.72	< LOQ	78.2	30-200	0.959	30

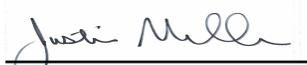
### Mycotoxin Analysis

**Batch: B252576 - Mycotoxin Prep**

Blank(B252576-BLK1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:09					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	< LOQ	ppm						
Aflatoxin G2	< LOQ	ppm						
Aflatoxin G1	< LOQ	ppm						
Aflatoxin B2	< LOQ	ppm						
Aflatoxin B1	< LOQ	ppm						
Aflatoxins (Total)	< LOQ	ppm						

LCS(B252576-BS1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	0.21	ppm	0.200		103	60-120		
Aflatoxin G2	0.10	ppm	0.100		97.0	60-120		
Aflatoxin G1	0.09	ppm	0.100		91.8	60-120		
Aflatoxin B2	0.10	ppm	0.100		99.6	60-120		
Aflatoxin B1	0.10	ppm	0.100		98.4	60-120		

Matrix Spike(B252576-MS1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25 8:41					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	0.16	ppm	0.169	< LOQ	94.2	30-200		
Aflatoxin G2	0.08	ppm	0.0844	< LOQ	93.9	30-200		
Aflatoxin G1	0.09	ppm	0.0844	< LOQ	103	30-200		
Aflatoxin B2	0.08	ppm	0.0844	< LOQ	98.4	30-200		
Aflatoxin B1	0.09	ppm	0.0844	< LOQ	105	30-200		



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## Quality Control

### Mycotoxin Analysis (Continued)

**Batch: B252576 - Mycotoxin Prep (Continued)**

Matrix Spike Dup(B252576-MSD1)			Extracted - 08/25/25 14:15 Analyzed - 08/26/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	0.18	ppm	0.172	< LOQ	105	30-200	10.4	30
Aflatoxin G2	0.08	ppm	0.0859	< LOQ	96.6	30-200	2.79	30
Aflatoxin G1	0.09	ppm	0.0859	< LOQ	103	30-200	0.0223	30
Aflatoxin B2	0.08	ppm	0.0859	< LOQ	96.4	30-200	2.07	30
Aflatoxin B1	0.08	ppm	0.0859	< LOQ	98.0	30-200	7.21	30

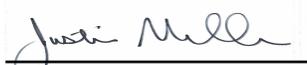
**Batch: B252577 - Metals Prep**

Blank(B252577-BLK1)			Extracted - 08/25/25 14:55 Analyzed - 08/26/25 13:02					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	< LOQ	ug/g						
Arsenic (As)	< LOQ	ug/g						
Cadmium (Cd)	< LOQ	ug/g						
Lead (Pb)	< LOQ	ug/g						

LCS(B252577-BS2)			Extracted - 08/25/25 14:55 Analyzed - 08/26/25 14:32					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.036	ug/g	0.0400		91.1	80-115		
Arsenic (As)	0.400	ug/g	0.400		100	80-115		
Cadmium (Cd)	0.407	ug/g	0.400		102	80-115		
Lead (Pb)	0.421	ug/g	0.400		105	80-115		

Matrix Spike(B252577-MS1)			Extracted - 08/25/25 14:55 Analyzed - 08/26/25 13:09					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.046	ug/g	0.0359	< LOQ	128	70-130		
Arsenic (As)	0.509	ug/g	0.359	< LOQ	142	70-130		
Cadmium (Cd)	0.473	ug/g	0.359	0.014	128	70-130		
Lead (Pb)	0.421	ug/g	0.359	< LOQ	117	70-130		

Matrix Spike(B252577-MS2)			Extracted - 08/25/25 14:55 Analyzed - 08/26/25 14:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.041	ug/g	0.0359	< LOQ	114	70-130		
Arsenic (As)	0.456	ug/g	0.359	< LOQ	127	70-130		
Cadmium (Cd)	0.414	ug/g	0.359	0.014	111	70-130		
Lead (Pb)	0.385	ug/g	0.359	< LOQ	107	70-130		



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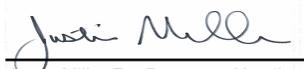
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## Quality Control

### Metals Analysis (Continued)

**Batch: B252577 - Metals Prep (Continued)**

Matrix Spike Dup(B252577-MSD1)			Extracted - 08/25/25 14:55 Analyzed - 08/26/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.043	ug/g	0.0385	< LOQ	111	70-130	6.87	30
Arsenic (As)	0.495	ug/g	0.385	< LOQ	129	70-130	2.92	30
Cadmium (Cd)	0.430	ug/g	0.385	0.014	108	70-130	9.46	30
Lead (Pb)	0.401	ug/g	0.385	< LOQ	104	70-130	4.76	30



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