



# PINNACLE ANALYTICS

## Potency Results

**Sample Name:** *Gumbo*  
**Motavation Dispensary LLC**  
**Client Batch ID:** Rosin Infused Hash-Hole

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

**Sample ID:** rC-H-302-F1460

**Matrix:** Flower

**Prep Analyst:** Jeff A.

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

**Sampling Method:** N/A

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

**Analysis Batch:** 7-30-2025 H3 302, 375, 449, 480, 603 Flower

Date Sampled: 7/20/2025

Date Reported: 7/31/2025

Client License: N/A

1601 Elm St. Suite 4360

Dallas TX 75201

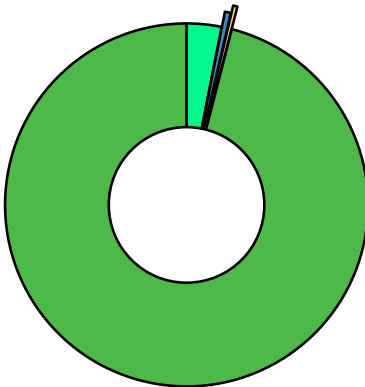
For R&D Purposes Only

<b>Total THC</b> (THCA*0.877+d9-THC)	<b>42.0%</b>
<b>Total CBD</b> (CBDA*0.877+CBD)	<b>0.266%</b>
<b>Moisture Content</b>	<b>4.3%</b>
<b>Water Activity</b>	<b>0.522</b>

Cannabinoid	% Weight	mg/g
CBDV	<LOQ	<LOQ
CBDA	<LOQ	<LOQ
CBGA	<LOQ	<LOQ
CBG	1.54	15.4
CBD	0.266	2.66
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC	0.191	1.91
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA	47.7	477.0
<b>Total Cannabinoids</b>	<b>49.7</b>	<b>497.0</b>

\*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBG
- THCA
- CBD
- d9-THC



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Report generated by Flex\_Potency\_Rev1\_2-9-2025

Kris Ford, PhD  
Lab Director



# PINNACLE ANALYTICS

## Quality Control Results

**Analyst:** Jeff A.

**Analysis Batch:** 7-30-2025 H3 302, 375, 449, 480, 603 Flower

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-F1522-b	Limit	C-FL-073025	Limits	C-FB-073025	Limit
<b>CBDA</b>	<LOQ%	30%	96.9%	90-110%	<LOQ/2	LOQ/2
<b>CBD</b>	<LOQ%	30%	108.0%	90-110%	<LOQ/2	LOQ/2
<b>d9-THC</b>	1.92%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
<b>d8-THC</b>	<LOQ%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
<b>THCA</b>	0.613%	10%	94.9%	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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Report generated by Flex\_Potency\_Rev1\_2-9-2025

Kris Ford, PhD  
Lab Director



# PINNACLE ANALYTICS

## Microbiology Results

Sample Name: *Gumbo*



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-F1460

**Matrix:** Flower

**Prep Analyst:** Megan A.

**Sampling Method:** N/A

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

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

**Analysis Batch:** 7-23-2025 q2 182, 302, 498 B

Date Received: 07-18-2025

Date Reported: 7-31-2025

Client License: N/A

1601 Elm St. Suite 4360

Dallas TX 75201

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Name	Lab ID	STEC	Salmonella
Gumbo	rB-H-302-F1460	Pass	Pass

## Quality Controls

Name	Lab ID	STEC	Salmonella
Negative Control	B-IB-072325	Absent	Absent
Positive Control	B-BL-072325	Present	Present
Method Blank	B-FB-072225	Absent	Absent

There were no divergences from ordinary Quality Control procedures or SOPs.  
Limit of Detection: 1 CFU



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Report generated by Microbio\_11-9-24\_Rev3

Kris Ford, PhD  
Lab Director

Sample Name: **Gumbo F1460** License: **010-101599328A3**  
 Tested for: **Pinnacle Analytics LLC** Date Sampled: **07/22/25 00:00**  
**R&D Testing** Date Accepted: **07/22/25**

Report cannot be used for OHA/OLCC compliance.

Laboratory ID: **25G0120-10** Strain: **Gumbo F1460** Sample Metric ID: **N/A**  
 Matrix: **Useable Marijuana** Batch RFID: **N/A**  
 Lot # **N/A** Batch Size: **N/A**

### Pesticide Analysis in ppm

Date Extracted: **07/23/25** Analysis Method: **SC-OR-ORG-003**  
 Date Analyzed: **07/24/25** 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	0.09
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	0.43	Chlorpyrifos	< LOQ	0.2	0.02
Clofentezine	< LOQ	0.2	0.02	Cyfluthrin	< LOQ	1	0.34
Cypermethrin	< LOQ	1	0.17	Daminozide	< LOQ	1	0.09
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	0.09	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	0.09
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	0.09
Phosmet	< LOQ	0.2	0.02	Piperonyl butoxide	< LOQ	2	0.02
Prallethrin	< LOQ	0.2	0.04	Propiconazole	< LOQ	0.4	0.17
Propoxur	< LOQ	0.2	0.02	Pyrethrins (total)	< LOQ	1	0.43
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

  
 Breeanna Hamilton  
 Lab Director

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Sample Name: **Gumbo F1460** License: **010-101599328A3**  
 Tested for: **Pinnacle Analytics LLC** Date Sampled: **07/22/25 00:00**  
**R&D Testing** Date Accepted: **07/22/25**  
 Report cannot be used for OHA/OLCC compliance.  
 Laboratory ID: **25G0120-10** Strain: **Gumbo F1460** 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: **07/23/25 12:48** Analysis Method/SOP: **SC-OR-ORG-003**  
 Date/Time Analyzed: **07/24/25** 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	0.009	ppm	0.02

R & D Only - Not For Compliance

R & D Only - Not For Compliance

  
 Breeanna Hamilton  
 Lab Director

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Sample Name: **Gumbo F1460** License: **010-101599328A3**  
 Tested for: **Pinnacle Analytics LLC** Date Sampled: **07/22/25 00:00**  
**R&D Testing** Date Accepted: **07/22/25**  
 Report cannot be used for OHA/OLCC compliance.  
 Laboratory ID: **25G0120-10** Strain: **Gumbo F1460** Sample Metric ID: **N/A**  
 Matrix: **Useable Marijuana** Batch RFID: **N/A**  
 Lot # **N/A** Batch Size: **N/A**

### Metals Analysis by ICPMS

Date/Time Extracted: **07/23/25 12:27**

Analysis Method/SOP: **AOAC 2013.06**

Date/Time Analyzed: **07/24/25**

Results above the action levels are highlighted in **red #**.

Analyte	Result	LOQ	Units	Action Level
Arsenic (As)	< LOQ	0.083	ug/g	0.2
Cadmium (Cd)	< LOQ	0.083	ug/g	0.2
Lead (Pb)	< LOQ	0.083	ug/g	0.5
Mercury (Hg)	< LOQ	0.042	ug/g	0.1

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 Lab Director

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### Case Narrative

**Pesticides** - Abamectin and Pyrethrins recovered above the upper acceptance limit in the Blank Spike. Analytes were below the reporting limit in all client samples.

Bifenthrin recovered above the upper calibration level in 25G0120-05. Result is an estimate.

## Quality Control Pesticide Analysis

**Batch: B252198 - Pesticide Prep**

Blank(B252198-BLK1)		Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:09							
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							
Flonicamid	< LOQ	ppm							
Fludioxonil	< LOQ	ppm							

  
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 Lab Director

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## Quality Control Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

Blank(B252198-BLK1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:09					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Hexythiazox	< LOQ	ppm						
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						
Paclobutrazol	< 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(B252198-BS1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	3.08	ppm	1.94		159	50-150		
Acephate	1.89	ppm	2.00		94.6	60-120		

  
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 Lab Director

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## Quality Control Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

LCS(B252198-BS1)		Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:25						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acequinocyl	2.28	ppm	2.00		114	40-160		
Acetamiprid	1.92	ppm	2.00		96.1	60-120		
Aldicarb	1.95	ppm	2.00		97.3	60-120		
Azoxystrobin	1.67	ppm	2.00		83.7	60-120		
Bifenazate	2.21	ppm	2.00		111	60-120		
Bifenthrin	1.89	ppm	2.00		94.6	50-150		
Boscalid	1.79	ppm	2.00		89.7	60-120		
Carbaryl	1.87	ppm	2.00		93.6	60-120		
Carbofuran	1.88	ppm	2.00		93.8	60-120		
Chlorantraniliprole	2.00	ppm	2.00		100	60-120		
Chlorfenapyr	1.85	ppm	2.00		92.5	60-120		
Chlorpyrifos	2.35	ppm	2.00		118	60-120		
Clofentezine	1.77	ppm	2.00		88.3	60-120		
Cyfluthrin	2.52	ppm	2.00		126	50-150		
Cypermethrin	2.69	ppm	2.00		134	50-150		
Daminozide	1.90	ppm	2.00		95.2	60-120		
DDVP (Dichlorvos)	1.91	ppm	2.00		95.6	60-120		
Diazinon	1.98	ppm	2.00		98.9	60-120		
Dimethoate	1.89	ppm	2.00		94.6	60-120		
Ethoprophos	1.99	ppm	2.00		99.7	60-120		
Etofenprox	1.92	ppm	2.00		95.9	50-150		
Etoxazole	2.32	ppm	2.00		116	60-120		
Fenoxycarb	1.90	ppm	2.00		94.8	60-120		
Fenpyroximate	2.30	ppm	2.00		115	60-120		
Fipronil	1.63	ppm	2.00		81.5	60-120		
Flonicamid	1.77	ppm	2.00		88.7	60-120		
Fludioxonil	2.25	ppm	2.00		112	50-150		
Hexythiazox	2.38	ppm	2.00		119	60-120		
Imazalil	1.89	ppm	2.00		94.5	60-120		
Imidacloprid	1.84	ppm	2.00		92.1	60-120		
Kresoxim-methyl	1.91	ppm	2.00		95.7	60-120		
Malathion	1.81	ppm	2.00		90.6	60-120		
Metalaxyl	1.89	ppm	2.00		94.3	60-120		
Methiocarb	1.83	ppm	2.00		91.3	60-120		
Methomyl	1.98	ppm	2.00		98.8	60-120		



 Breeanna Hamilton  
 Lab Director

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## Quality Control Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

LCS(B252198-BS1)		Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:25						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Methyl parathion	1.92	ppm	2.00		96.1	50-150		
MGK-264	1.90	ppm	2.00		95.1	50-150		
Myclobutanil	1.92	ppm	2.00		95.9	60-120		
Naled	2.00	ppm	2.00		100	50-150		
Oxamyl	1.97	ppm	2.00		98.5	60-120		
Paclobutrazol	1.89	ppm	2.00		94.3	60-120		
Permethrins (total)	1.64	ppm	2.00		82.0	50-150		
Phosmet	1.99	ppm	2.00		99.5	50-150		
Piperonyl butoxide	1.92	ppm	2.00		95.8	60-120		
Prallethrin	2.05	ppm	2.00		102	60-120		
Propiconazole	2.00	ppm	2.00		99.8	60-120		
Propoxur	1.87	ppm	2.00		93.6	60-120		
Pyrethrins (total)	1.51	ppm	1.22		123	60-120		
Pyridaben	2.17	ppm	2.00		108	50-150		
Spinosad	2.27	ppm	2.00		114	50-150		
Spiromesifen	2.13	ppm	2.00		106	60-120		
Spirotetramat	2.01	ppm	2.00		101	60-120		
Spiroxamine	1.69	ppm	2.00		84.6	60-120		
Tebuconazole	2.00	ppm	2.00		100	60-120		
Thiacloprid	2.02	ppm	2.00		101	60-120		
Thiamethoxam	1.85	ppm	2.00		92.5	60-120		
Trifloxystrobin	1.87	ppm	2.00		93.3	60-120		

Matrix Spike(B252198-MS1)		Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:41						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	2.33	ppm	1.61	< LOQ	144	30-200		
Acephate	1.68	ppm	1.66	< LOQ	101	30-200		
Acequinocyl	1.05	ppm	1.66	< LOQ	62.9	30-200		
Acetamiprid	1.64	ppm	1.66	< LOQ	98.6	30-200		
Aldicarb	1.50	ppm	1.66	< LOQ	90.2	30-200		
Azoxystrobin	1.32	ppm	1.66	< LOQ	79.6	30-200		
Bifenazate	1.86	ppm	1.66	< LOQ	112	30-200		
Bifenthrin	1.26	ppm	1.66	< LOQ	76.0	30-200		
Boscalid	1.27	ppm	1.66	< LOQ	76.6	30-200		
Carbaryl	1.50	ppm	1.66	< LOQ	90.2	30-200		

  
 Breeanna Hamilton  
 Lab Director

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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

Matrix Spike(B252198-MS1)		Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:41						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Carbofuran	1.48	ppm	1.66	< LOQ	89.2	30-200		
Chlorantraniliprole	1.54	ppm	1.66	< LOQ	92.4	30-200		
Chlorfenapyr	1.41	ppm	1.66	< LOQ	85.0	30-200		
Chlorpyrifos	1.36	ppm	1.66	< LOQ	81.9	30-200		
Clofentezine	0.99	ppm	1.66	< LOQ	59.5	30-200		
Cyfluthrin	1.53	ppm	1.66	< LOQ	91.8	30-200		
Cypermethrin	1.85	ppm	1.66	< LOQ	111	30-200		
Daminozide	1.05	ppm	1.66	< LOQ	62.9	30-200		
DDVP (Dichlorvos)	1.54	ppm	1.66	< LOQ	92.7	30-200		
Diazinon	1.57	ppm	1.66	< LOQ	94.4	30-200		
Dimethoate	1.44	ppm	1.66	< LOQ	86.7	30-200		
Ethoprophos	1.69	ppm	1.66	< LOQ	102	30-200		
Etofenprox	1.25	ppm	1.66	< LOQ	75.3	30-200		
Etoxazole	1.48	ppm	1.66	< LOQ	89.0	30-200		
Fenoxycarb	1.67	ppm	1.66	< LOQ	100	30-200		
Fenpyroximate	2.05	ppm	1.66	< LOQ	123	30-200		
Fipronil	1.21	ppm	1.66	< LOQ	72.6	30-200		
Flonicamid	1.69	ppm	1.66	< LOQ	102	30-200		
Fludioxonil	1.58	ppm	1.66	< LOQ	95.2	30-200		
Hexythiazox	1.20	ppm	1.66	< LOQ	72.0	30-200		
Imazalil	1.48	ppm	1.66	< LOQ	88.8	30-200		
Imidacloprid	1.60	ppm	1.66	< LOQ	96.4	30-200		
Kresoxim-methyl	1.55	ppm	1.66	< LOQ	93.2	30-200		
Malathion	1.42	ppm	1.66	< LOQ	85.5	30-200		
Metalaxyl	1.50	ppm	1.66	< LOQ	90.4	30-200		
Methiocarb	1.46	ppm	1.66	< LOQ	87.5	30-200		
Methomyl	1.53	ppm	1.66	< LOQ	92.0	30-200		
Methyl parathion	1.56	ppm	1.66	< LOQ	93.9	30-200		
MGK-264	1.34	ppm	1.66	< LOQ	80.8	30-200		
Myclobutanil	1.46	ppm	1.66	< LOQ	87.9	30-200		
Naled	1.41	ppm	1.66	< LOQ	84.5	30-200		
Oxamyl	1.67	ppm	1.66	< LOQ	100	30-200		
Paclobutrazol	1.39	ppm	1.66	< LOQ	83.5	30-200		
Permethrins (total)	1.50	ppm	1.66	< LOQ	90.1	30-200		
Phosmet	1.51	ppm	1.66	< LOQ	90.8	30-200		




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## Quality Control Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

Matrix Spike(B252198-MS1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:41					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Piperonyl butoxide	1.45	ppm	1.66	< LOQ	87.4	30-200		
Prallethrin	1.68	ppm	1.66	< LOQ	101	30-200		
Propiconazole	1.40	ppm	1.66	0.02	82.5	30-200		
Propoxur	1.54	ppm	1.66	< LOQ	92.4	30-200		
Pyrethrins (total)	1.17	ppm	1.01	< LOQ	116	30-200		
Pyridaben	1.38	ppm	1.66	< LOQ	83.0	30-200		
Spinosad	1.65	ppm	1.66	< LOQ	99.2	30-200		
Spiromesifen	1.41	ppm	1.66	< LOQ	84.5	30-200		
Spirotetramat	2.15	ppm	1.66	< LOQ	129	30-200		
Spiroxamine	1.32	ppm	1.66	< LOQ	79.1	30-200		
Tebuconazole	1.54	ppm	1.66	< LOQ	92.6	30-200		
Thiacloprid	1.45	ppm	1.66	< LOQ	87.2	30-200		
Thiamethoxam	1.63	ppm	1.66	< LOQ	98.0	30-200		
Trifloxystrobin	1.49	ppm	1.66	< LOQ	89.8	30-200		

Matrix Spike Dup(B252198-MSD1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	2.76	ppm	1.71	< LOQ	162	30-200	11.4	30
Acephate	1.89	ppm	1.76	< LOQ	107	30-200	6.05	30
Acequinocyl	1.15	ppm	1.76	< LOQ	65.1	30-200	3.42	35
Acetamiprid	1.84	ppm	1.76	< LOQ	104	30-200	5.73	30
Aldicarb	1.76	ppm	1.76	< LOQ	100	30-200	10.5	30
Azoxystrobin	1.44	ppm	1.76	< LOQ	81.9	30-200	2.84	30
Bifenazate	1.94	ppm	1.76	< LOQ	110	30-200	1.46	30
Bifenthrin	1.32	ppm	1.76	< LOQ	75.3	30-200	0.917	30
Boscalid	1.35	ppm	1.76	< LOQ	76.6	30-200	0.109	30
Carbaryl	1.52	ppm	1.76	< LOQ	86.2	30-200	4.51	30
Carbofuran	1.53	ppm	1.76	< LOQ	87.1	30-200	2.39	30
Chlorantraniliprole	1.70	ppm	1.76	< LOQ	96.9	30-200	4.77	30
Chlorfenapyr	1.40	ppm	1.76	< LOQ	79.8	30-200	6.31	50
Chlorpyrifos	1.38	ppm	1.76	< LOQ	78.2	30-200	4.61	30
Clofentezine	1.03	ppm	1.76	< LOQ	58.7	30-200	1.40	30
Cyfluthrin	1.80	ppm	1.76	< LOQ	102	30-200	10.9	50
Cypermethrin	1.96	ppm	1.76	< LOQ	111	30-200	0.118	30
Daminozide	1.16	ppm	1.76	< LOQ	66.0	30-200	4.79	30

  
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## Quality Control Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

Matrix Spike Dup(B252198-MSD1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
DDVP (Dichlorvos)	1.58	ppm	1.76	< LOQ	89.9	30-200	3.02	30
Diazinon	1.67	ppm	1.76	< LOQ	95.0	30-200	0.675	30
Dimethoate	1.60	ppm	1.76	< LOQ	91.1	30-200	4.96	30
Ethoprophos	1.80	ppm	1.76	< LOQ	103	30-200	0.841	30
Etofenprox	1.33	ppm	1.76	< LOQ	75.6	30-200	0.280	30
Etoxazole	1.58	ppm	1.76	< LOQ	90.1	30-200	1.28	30
Fenoxycarb	1.72	ppm	1.76	< LOQ	97.7	30-200	2.47	30
Fenpyroximate	2.22	ppm	1.76	< LOQ	126	30-200	2.31	30
Fipronil	1.21	ppm	1.76	< LOQ	69.0	30-200	5.07	30
Flonicamid	1.86	ppm	1.76	< LOQ	105	30-200	3.76	30
Fludioxonil	1.70	ppm	1.76	< LOQ	96.8	30-200	1.71	50
Hexythiazox	1.24	ppm	1.76	< LOQ	70.5	30-200	2.07	30
Imazalil	1.51	ppm	1.76	< LOQ	85.6	30-200	3.67	30
Imidacloprid	1.77	ppm	1.76	< LOQ	100	30-200	4.05	30
Kresoxim-methyl	1.64	ppm	1.76	< LOQ	93.2	30-200	0.00957	30
Malathion	1.55	ppm	1.76	< LOQ	88.1	30-200	3.00	30
Metalaxyl	1.59	ppm	1.76	< LOQ	90.2	30-200	0.253	30
Methiocarb	1.66	ppm	1.76	< LOQ	94.2	30-200	7.33	30
Methomyl	1.75	ppm	1.76	< LOQ	99.7	30-200	8.09	30
Methyl parathion	1.57	ppm	1.76	< LOQ	89.0	30-200	5.35	30
MGK-264	1.40	ppm	1.76	< LOQ	79.8	30-200	1.34	30
Myclobutanil	1.59	ppm	1.76	< LOQ	90.4	30-200	2.74	30
Naled	1.56	ppm	1.76	< LOQ	88.8	30-200	4.96	30
Oxamyl	1.84	ppm	1.76	< LOQ	105	30-200	4.12	30
Paclobutrazol	1.48	ppm	1.76	< LOQ	84.0	30-200	0.588	30
Permethrins (total)	1.52	ppm	1.76	< LOQ	86.3	30-200	4.27	30
Phosmet	1.60	ppm	1.76	< LOQ	91.1	30-200	0.394	30
Piperonyl butoxide	1.53	ppm	1.76	< LOQ	86.7	30-200	0.781	30
Prallethrin	1.80	ppm	1.76	< LOQ	102	30-200	1.34	30
Propiconazole	1.48	ppm	1.76	0.02	82.6	30-200	0.175	30
Propoxur	1.64	ppm	1.76	< LOQ	93.2	30-200	0.846	30
Pyrethrins (total)	1.26	ppm	1.07	< LOQ	117	30-200	1.66	30
Pyridaben	1.46	ppm	1.76	< LOQ	82.8	30-200	0.293	30
Spinosad	1.76	ppm	1.76	< LOQ	99.9	30-200	0.673	30
Spiromesifen	1.53	ppm	1.76	< LOQ	86.9	30-200	2.77	30

  
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## Quality Control Pesticide Analysis (Continued)

**Batch: B252198 - Pesticide Prep (Continued)**

Matrix Spike Dup(B252198-MSD1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Spirotetramat	2.25	ppm	1.76	< LOQ	128	30-200	1.31	30
Spiroxamine	1.37	ppm	1.76	< LOQ	78.1	30-200	1.28	30
Tebuconazole	1.64	ppm	1.76	< LOQ	93.3	30-200	0.786	30
Thiacloprid	1.65	ppm	1.76	< LOQ	93.7	30-200	7.11	30
Thiamethoxam	1.75	ppm	1.76	< LOQ	99.6	30-200	1.59	30
Trifloxystrobin	1.54	ppm	1.76	< LOQ	87.5	30-200	2.51	30

## Mycotoxin Analysis

**Batch: B252199 - Mycotoxin Prep**

Blank(B252199-BLK1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:09					
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(B252199-BS1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	0.19	ppm	0.200		96.3	60-120		
Aflatoxin G2	0.11	ppm	0.100		107	60-120		
Aflatoxin G1	0.11	ppm	0.100		110	60-120		
Aflatoxin B2	0.11	ppm	0.100		112	60-120		
Aflatoxin B1	0.10	ppm	0.100		96.5	60-120		

Matrix Spike(B252199-MS1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25 17:41					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	0.19	ppm	0.166	< LOQ	115	30-200		
Aflatoxin G2	0.08	ppm	0.0832	< LOQ	96.7	30-200		
Aflatoxin G1	0.09	ppm	0.0832	< LOQ	102	30-200		
Aflatoxin B2	0.08	ppm	0.0832	< LOQ	100	30-200		
Aflatoxin B1	0.08	ppm	0.0832	< LOQ	93.9	30-200		

  
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## Quality Control

### Mycotoxin Analysis (Continued)

**Batch: B252199 - Mycotoxin Prep (Continued)**

Matrix Spike Dup(B252199-MSD1)			Extracted - 07/23/25 12:48 Analyzed - 07/24/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ochratoxin A	0.20	ppm	0.176	< LOQ	116	30-200	0.543	30
Aflatoxin G2	0.08	ppm	0.0880	< LOQ	95.4	30-200	1.40	30
Aflatoxin G1	0.08	ppm	0.0880	< LOQ	93.8	30-200	8.65	30
Aflatoxin B2	0.09	ppm	0.0880	< LOQ	103	30-200	2.64	30
Aflatoxin B1	0.09	ppm	0.0880	< LOQ	98.0	30-200	4.29	30

**Batch: B252200 - Metals Prep**

Blank(B252200-BLK1)			Extracted - 07/23/25 12:27 Analyzed - 07/24/25 13:01					
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(B252200-BS1)			Extracted - 07/23/25 12:27 Analyzed - 07/24/25 12:58					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.038	ug/g	0.0400		95.5	80-115		
Arsenic (As)	0.404	ug/g	0.400		101	80-115		
Cadmium (Cd)	0.371	ug/g	0.400		92.8	80-115		
Lead (Pb)	0.392	ug/g	0.400		97.9	80-115		

Matrix Spike(B252200-MS1)			Extracted - 07/23/25 12:27 Analyzed - 07/24/25 13:04					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.044	ug/g	0.0377	0.006	100	70-130		
Arsenic (As)	0.517	ug/g	0.377	0.062	121	70-130		
Cadmium (Cd)	0.399	ug/g	0.377	0.033	97.0	70-130		
Lead (Pb)	0.454	ug/g	0.377	0.120	88.6	70-130		

Matrix Spike Dup(B252200-MSD1)			Extracted - 07/23/25 12:27 Analyzed - 07/24/25					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury (Hg)	0.043	ug/g	0.0361	0.006	102	70-130	2.62	30
Arsenic (As)	0.472	ug/g	0.361	0.062	114	70-130	8.99	30
Cadmium (Cd)	0.376	ug/g	0.361	0.033	94.8	70-130	6.13	30
Lead (Pb)	0.431	ug/g	0.361	0.120	86.1	70-130	5.28	30



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