

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b>	<b>BATCH #</b>	<b>LOQ: Limit Of Quantitation</b>	
<b>PRODUCT NAME</b>	<b>SERVING SIZE</b>	<b>LOD: Limit Of Detection</b>	
<b>LABORATORY :</b>	<b>OREGON ACCREDITATION: OR100028</b>	1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb	
POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	mg/serving	mg/g	%
Total THC (d9-THC, THCA)	mg/serving	mg/g	%
Cannabigerol (CBG)	mg/serving	mg/g	%
Cannabinol (CBN)	mg/serving	mg/g	%
Cannabichromene (CBC)	mg/serving	mg/g	%
Tetrahydrocannabinolic Acid (THCA)	mg/serving	mg/g	%
Delta-9-THC (d9-THC)	mg/serving	mg/g	%
Delta-8-THC (d8-THC)	mg/serving	mg/g	%
HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	µg/serving	µg/g	10 µg/day <sup>[1]</sup>
Cadmium	µg/serving	µg/g	4.1 µg/day <sup>[1]</sup>
Lead	µg/serving	µg/g	6 µg/day <sup>[1]</sup>
Mercury	µg/serving	µg/g	2 µg/day <sup>[1]</sup>
PESTICIDES	REGULATORY ACTION LEVEL		
None of the other 59 pesticides tested found above limit of detection in the sample.			10 ppb <sup>[1]</sup>
RESIDUAL SOLVENTS	Results	REGULATORY ACTION LEVEL	
Ethanol*	µg/g	50,000 mg/day	
Heptane	µg/g	50,000 mg/day	
None of the 34 residual solvents tested found above limit of quantitation in the sample.			
MICROBIAL	PASS/FAIL		
Yeast & Mold	Pass		
Coliform	Pass		



1. American Herbal Pharmacopoeia. (2014). Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.

\*Ethanol is a food additive used in some of our ingredients. The FDA has labeled ethanol as Generally Recognized as Safe (GRAS). Many foods contain trace amounts of ethanol, including soy sauce, pasta sauces, fruits and juices, etc. Our products contain safe levels of ethanol and always below pertinent regulatory action levels.



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794



**Report Number:** 23-012382/D004.R000  
**Report Date:** 10/30/2023  
**ORELAP#:** OR100028  
**Purchase Order:** 2679525  
**Received:** 10/17/23 16:17

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-CWB.FS.SL15-FI17  
**Client/Metric ID:** .  
**Laboratory ID:** 23-012382-0001

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g	0.701		mg/1g		CBD-Total per Serving Size 38.3 mg/1g
CBD per 1g	38.3		mg/1g		
CBDV per 1g	0.374		mg/1g		THC-Total per Serving Size 1.10 mg/1g
CBG per 1g	0.229		mg/1g		(Reported in milligrams per serving)
CBL per 1g	0.0806		mg/1g		
CBN per 1g	0.0415		mg/1g		
CBT per 1g	0.408		mg/1g		
Δ9-THC per 1g	1.10		mg/1g		
THCV per 1g	0.163		mg/1g		

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Metals:**

Analyte	Result	Units	Limit	Status	Analyte	Result	Units	Limit	Status
Cadmium*	0.0288	mg/kg	0.200	pass	Lead*	0.0212	mg/kg	0.500	pass

**Microbiology:**

Less than LOQ for all analytes.



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**Purchase Order:** 2679525  
**Received:** 10/17/23 16:17

**Customer:** Etz Hayim Holdings  
 16427 NE Airport Way  
 PORTLAND 97230  
 United States of America (USA)

**Product identity:** FORM-CWB.FS.SL15-FI17

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 23-012382-0001

**Evidence of Cooling:** No

**Temp:** 21.9 °C

**Relinquished by:** client

**Serving Size #1:** 1 g

### Sample Results

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2312042	Analyze: 10/20/23 10:29:00 A	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	0.701		mg/1g	0.0304	
CBC-A per 1g	< LOQ		mg/1g	0.0304	
CBC-Total per 1g	0.701		mg/1g	0.0570	
CBD per 1g	38.3		mg/1g	0.304	
CBD-A per 1g	< LOQ		mg/1g	0.0304	
CBD-Total per 1g	38.3		mg/1g	0.330	
CBDV per 1g	0.374		mg/1g	0.0304	
CBDV-A per 1g	< LOQ		mg/1g	0.0304	
CBDV-Total per 1g	0.374		mg/1g	0.0567	
CBE per 1g	< LOQ		mg/1g	0.0304	
CBG per 1g	0.229		mg/1g	0.0304	
CBG-A per 1g	< LOQ		mg/1g	0.0304	
CBG-Total per 1g	0.229		mg/1g	0.0567	
CBL per 1g	0.0806		mg/1g	0.0304	
CBL-A per 1g	< LOQ		mg/1g	0.0304	
CBL-Total per 1g	0.0806		mg/1g	0.0570	
CBN per 1g	0.0415		mg/1g	0.0304	
CBT per 1g	0.408		mg/1g	0.0304	
Δ8-THCV per 1g	< LOQ		mg/1g	0.0304	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0304	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0304	
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.0607	
Δ8-THC per 1g	< LOQ		mg/1g	0.0304	
Δ9-THC per 1g	1.10		mg/1g	0.0304	
delta-9-THCP per 1g	< LOQ		mg/1g	0.0304	
exo-THC per 1g	< LOQ		mg/1g	0.0304	
THC-A per 1g	< LOQ		mg/1g	0.0304	
THC-Total per 1g	1.10		mg/1g	0.0570	
THCV per 1g	0.163		mg/1g	0.0304	
THCV-A per 1g	< LOQ		mg/1g	0.0304	



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**Purchase Order:** 2679525  
**Received:** 10/17/23 16:17

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) <sup>P</sup>	Units mg/se	Batch: 2312042	Analyze: 10/20/23 10:29:00 A	
Analyte	Result	Limits	Units	LOQ	Notes
THCV-Total per 1g	0.163		mg/1g	0.0570	
Total Cannabinoids per 1g	41.4		mg/1g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2312106	10/26/23 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2312106	10/26/23 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2312107	10/26/23 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2312107	10/26/23 AOAC 2014.05 (RAPID) <sup>P</sup>		

Solvents Method: Residual Solvents by GC/MS<sup>P</sup> Units µg/g Batch 2312162 Analyze 10/25/23 10:56 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethanol	< LOQ		200		
Ethyl acetate	< LOQ	5000	200	pass		Ethyl benzene	< LOQ		200		
Ethyl ether	< LOQ	5000	200	pass		Ethylene glycol	< LOQ	620	200	pass	
Ethylene oxide	< LOQ	50.0	20.0	pass		Hexanes (sum)	< LOQ	290	150	pass	
Isopropyl acetate	< LOQ	5000	200	pass		Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass	
m,p-Xylene	< LOQ		200			Methanol	< LOQ	3000	200	pass	
Methylene chloride	< LOQ	600	60.0	pass		Methylpropane (Isobutane)	< LOQ		200		
n-Butane	< LOQ		200			n-Heptane	< LOQ	5000	200	pass	
n-Hexane	< LOQ		30.0			n-Pentane	< LOQ		200		
o-Xylene	< LOQ		200			Pentanes (sum)	< LOQ	5000	600	pass	
Propane	< LOQ	5000	200	pass		Tetrahydrofuran	< LOQ	720	100	pass	
Toluene	< LOQ	890	100	pass		Total Xylenes	< LOQ		400		
Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass							


**Pesticides**      **Method:** AOAC 2007.01 & EN 15662 (mod)<sup>b</sup>      **Units** mg/kg      **Batch** 2312172      **Analyze** 10/25/23 02:44 PM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin <sup>‡</sup>	< LOQ	0.50	0.250	pass		Acephate <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Acequinocyl <sup>‡</sup>	< LOQ	2.0	1.00	pass		Acetamiprid <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Aldicarb <sup>‡</sup>	< LOQ	0.40	0.200	pass		Azoxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Bifenazate <sup>‡</sup>	< LOQ	0.20	0.100	pass		Bifenthrin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Boscalid <sup>‡</sup>	< LOQ	0.40	0.200	pass		Carbaryl <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Carbofuran <sup>‡</sup>	< LOQ	0.20	0.100	pass		Chlorantraniliprole <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Chlorfenapyr <sup>‡</sup>	< LOQ	1.0	0.500	pass		Chlorpyrifos <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Clofentezine <sup>‡</sup>	< LOQ	0.20	0.100	pass		Cyfluthrin <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Cypermethrin <sup>‡</sup>	< LOQ	1.0	0.500	pass		Daminozide <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Diazinon <sup>‡</sup>	< LOQ	0.20	0.100	pass		Dichlorvos <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Dimethoate <sup>‡</sup>	< LOQ	0.20	0.100	pass		Ethoprophos <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Etofenprox <sup>‡</sup>	< LOQ	0.40	0.200	pass		Etoxazole <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Fenoxycarb <sup>‡</sup>	< LOQ	0.20	0.100	pass		Fenpyroximate <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Fipronil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Flonicamid <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Fludioxonil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Hexythiazox <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Imazalil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Imidacloprid <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Kresoxim-methyl <sup>‡</sup>	< LOQ	0.40	0.200	pass		Malathion <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Metalaxyl <sup>‡</sup>	< LOQ	0.20	0.100	pass		Methiocarb <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Methomyl <sup>‡</sup>	< LOQ	0.40	0.200	pass		MGK-264 <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Myclobutanil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Naled <sup>‡</sup>	< LOQ	0.50	0.250	pass	
Oxamyl <sup>‡</sup>	< LOQ	1.0	0.500	pass		Pacllobutrazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Parathion-Methyl <sup>‡</sup>	< LOQ	0.20	0.100	pass		Permethrin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Phosmet <sup>‡</sup>	< LOQ	0.20	0.100	pass		Piperonyl butoxide <sup>‡</sup>	< LOQ	2.0	1.00	pass	
Prallethrin <sup>‡</sup>	< LOQ	0.20	0.100	pass		Propiconazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Propoxur <sup>‡</sup>	< LOQ	0.20	0.100	pass		Pyrethrin I (total) <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Pyridaben <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spinosad <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Spiromesifen <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spirotetramat <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Spiroxamine <sup>‡</sup>	< LOQ	0.40	0.200	pass		Tebuconazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Thiacloprid <sup>‡</sup>	< LOQ	0.20	0.100	pass		Thiamethoxam <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Trifloxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass							

**Metals**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic <sup>‡</sup>	< LOQ	0.200	mg/kg	0.0166	2312200	10/25/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Cadmium <sup>‡</sup>	0.0288	0.200	mg/kg	0.0166	2312200	10/25/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Lead <sup>‡</sup>	0.0212	0.500	mg/kg	0.0166	2312200	10/25/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Mercury <sup>‡</sup>	< LOQ	0.100	mg/kg	0.00828	2312200	10/25/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass	



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**Received:** 10/17/23 16:17

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

**Units of Measure**

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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Revision: 4 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2312042

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0322	0.0333	%	96.8	80.0	- 120	Acceptable	
CBDV	2	0.0313	0.0324	%	96.6	80.0	- 120	Acceptable	
CBE	2	0.0342	0.0355	%	96.6	80.0	- 120	Acceptable	
CBD	1	0.0304	0.0322	%	94.4	90.0	- 110	Acceptable	
CBD <sup>A</sup>	1	0.0310	0.0329	%	94.2	80.0	- 120	Acceptable	
CBE	1	0.0353	0.0368	%	96.1	80.0	- 120	Acceptable	
CBD	1	0.0312	0.0313	%	99.5	90.0	- 110	Acceptable	
THCV	2	0.0298	0.0304	%	98.1	80.0	- 120	Acceptable	
Δ8THCV	2	0.0286	0.0305	%	93.8	80.0	- 120	Acceptable	
THCV/A	2	0.0315	0.0327	%	96.5	80.0	- 120	Acceptable	
CBN	1	0.0308	0.0329	%	93.8	80.0	- 120	Acceptable	
exo-THC	2	0.0306	0.0327	%	93.7	80.0	- 120	Acceptable	
Δ9THC	1	0.0362	0.0365	%	99.2	90.0	- 110	Acceptable	
Δ8THC	1	0.0318	0.0340	%	93.5	90.0	- 110	Acceptable	
9SΔ10THC	1	0.0325	0.0337	%	96.5	80.0	- 120	Acceptable	
CBL	2	0.0332	0.0337	%	98.4	80.0	- 120	Acceptable	
9RΔ10THC	1	0.0305	0.0336	%	90.7	80.0	- 120	Acceptable	
CBC	2	0.0319	0.0338	%	94.1	80.0	- 120	Acceptable	
THCA	1	0.0319	0.0337	%	94.7	90.0	- 110	Acceptable	
CBCA	2	0.0321	0.0333	%	96.4	80.0	- 120	Acceptable	
CBLA	2	0.0329	0.0349	%	94.5	80.0	- 120	Acceptable	
Δ9THCP	2	0.0326	0.0333	%	97.9	80.0	- 120	Acceptable	
CBT	2	0.0293	0.0322	%	91.0	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBDV	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBE	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBD	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBD <sup>A</sup>	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBE	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBD	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCV	<LOQ	0.00320	%	< 0.00320	Acceptable	
Δ8THCV	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCV/A	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBN	<LOQ	0.00320	%	< 0.00320	Acceptable	
exo-THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
Δ9THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
Δ8THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
9SΔ10THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBL	<LOQ	0.00320	%	< 0.00320	Acceptable	
9RΔ10THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBC	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBCA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBLA	<LOQ	0.00320	%	< 0.00320	Acceptable	
Δ9THCP	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBT	<LOQ	0.00320	%	< 0.00320	Acceptable	

Abbreviations  
 ND - None Detected at or above MRI  
 RP.D - Relative Percent Difference  
 LOQ - Limit of Quantitation

Units of Measure:  
 %- Percent



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Revision: 4 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2312042						
Sample Duplicate		Sample ID: 23-012222-0001-01						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBD	0.00947	0.00961	0.00320	%	1.45	< 20	Acceptable	
CBD <sup>A</sup>	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBC	0.00688	0.00702	0.00320	%	1.97	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
Δ8THCV	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
THCV/A	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
Δ9THC	0.206	0.207	0.00320	%	0.412	< 20	Acceptable	
Δ8THC	0.0224	0.0242	0.00320	%	7.55	< 20	Acceptable	
9S-Δ10THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
9R-Δ10THC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
Δ9THCP	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00320	%	NA	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRI
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation

Units of Measure:

%- Percent





12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794

Report Number: 23-012382/D004.R000  
 Report Date: 10/30/2023  
 ORELAP#: OR100028  
 Purchase Order: 2679525  
 Received: 10/17/23 16:17



Revision: 2 Document ID: 7087  
 Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2312162					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		556	584	µg/g	95.0	60 - 120	
Isobutane	ND	< 200		739	767	µg/g	96.3	60 - 120	
Butane	ND	< 200		763	782	µg/g	97.6	60 - 120	
2,2-Dimethylpropane	ND	< 200		980	939	µg/g	104.4	60 - 120	
Methanol	ND	< 200		1760	1670	µg/g	105.4	60 - 120	
Ethylene Oxide	ND	< 30		61.9	57.1	µg/g	108.4	60 - 120	
2-Methylbutane	ND	< 200		1630	1680	µg/g	97.0	60 - 120	
Pentane	ND	< 200		1620	1670	µg/g	97.0	60 - 120	
Ethanol	ND	< 200		1700	1660	µg/g	102.4	70 - 130	
Ethyl Ether	ND	< 200		1650	1670	µg/g	98.8	60 - 120	
2,2-Dimethylbutane	ND	< 30		179	189	µg/g	94.7	60 - 120	
Acetone	ND	< 200		1710	1670	µg/g	102.4	60 - 120	
2-Propanol	ND	< 200		1660	1630	µg/g	101.8	60 - 120	
Ethyl Formate	ND	< 500		1330	1600	µg/g	83.1	70 - 130	
Acetonitrile	ND	< 100		483	492	µg/g	98.2	60 - 120	
Methyl Acetate	ND	< 500		1480	1600	µg/g	92.5	70 - 130	
2,3-Dimethylbutane	ND	< 30		179	180	µg/g	99.4	60 - 120	
Dichloromethane	ND	< 60		485	488	µg/g	99.4	60 - 120	
2-Methylpentane	ND	< 30		192	182	µg/g	105.5	60 - 120	
MTBE	ND	< 500		1490	1610	µg/g	92.5	70 - 130	
3-Methylpentane	ND	< 30		179	177	µg/g	101.1	60 - 120	
Hexane	ND	< 30		169	177	µg/g	95.5	60 - 120	
1-Propanol	ND	< 500		1470	1600	µg/g	91.9	70 - 130	
Methyl ethyl ketone	ND	< 500		1460	1610	µg/g	90.7	70 - 130	
Ethyl acetate	ND	< 200		1690	1630	µg/g	103.7	60 - 120	
2-Butanol	ND	< 200		1680	1630	µg/g	103.1	60 - 120	
Tetrahydrofuran	ND	< 100		477	488	µg/g	97.7	60 - 120	
Cyclohexane	ND	< 200		1600	1610	µg/g	99.4	60 - 120	
2-methyl-1-propanol	ND	< 500		1520	1610	µg/g	94.4	70 - 130	
Benzene	ND	< 1		5.01	4.79	µg/g	104.6	60 - 120	
Isopropyl Acetate	ND	< 200		1740	1650	µg/g	105.5	60 - 120	
Heptane	ND	< 200		1630	1630	µg/g	100.0	60 - 120	
1-Butanol	ND	< 500		1800	1600	µg/g	112.5	70 - 130	
Propyl Acetate	ND	< 500		1430	1600	µg/g	89.4	70 - 130	
1,4-Dioxane	ND	< 100		542	523	µg/g	103.6	60 - 120	
2-Ethoxyethanol	ND	< 30		212	179	µg/g	118.4	60 - 120	
Methylisobutylketone	ND	< 500		1680	1600	µg/g	105.0	70 - 130	
3-Methyl-1-butanol	ND	< 500		1500	1600	µg/g	93.8	70 - 130	
Ethylene Glycol	ND	< 200		389	508	µg/g	72.9	60 - 120	
Toluene	ND	< 100		499	496	µg/g	100.6	60 - 120	
Isobutyl Acetate	ND	< 500		1460	1610	µg/g	90.7	70 - 130	
1-Pentanol	ND	< 500		1320	1600	µg/g	82.5	70 - 130	
Butyl Acetate	ND	< 500		1430	1610	µg/g	88.8	70 - 130	
Ethylbenzene	ND	< 200		938	978	µg/g	95.7	60 - 120	
m,p-Xylene	ND	< 200		940	994	µg/g	94.6	60 - 120	
o-Xylene	ND	< 200		951	982	µg/g	96.8	60 - 120	
Cumene	ND	< 30		164	171	µg/g	95.9	60 - 120	
Anisole	ND	< 500		1440	1600	µg/g	90.0	70 - 130	
DMSO	ND	< 500		1510	1620	µg/g	93.2	70 - 130	
1,2-dimethoxyethane	ND	< 50		173	186	µg/g	93.0	70 - 130	
Triethylamine	ND	< 500		1350	1600	µg/g	84.4	70 - 130	
N,N-dimethylformamide	ND	< 150		449	480	µg/g	93.5	70 - 130	
N,N-dimethylacetamide	ND	< 150		504	483	µg/g	104.3	70 - 130	
Pyridine	ND	< 50		140	168	µg/g	83.3	70 - 130	
Silolane	ND	< 50		119	161	µg/g	73.9	70 - 130	
1,2-Dichloroethane	ND	< 1		0.854	1	µg/g	85.4	70 - 130	
Chloroform	ND	< 1		0.863	1	µg/g	86.3	70 - 130	
Trichloroethylene	ND	< 1		0.931	1	µg/g	93.1	70 - 130	
1,1,1-Trichloroethane	ND	< 1		0.915	1	µg/g	91.5	70 - 130	



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794



**Report Number:** 23-012382/D004.R000  
**Report Date:** 10/30/2023  
**ORELAP#:** OR100028  
**Purchase Order:** 2679525  
**Received:** 10/17/23 16:17

Revision: 2 Document ID: 7087  
 Legacy ID: CFL-E33Effective:

QC - Sample Duplicate Sample ID: 23-012382-0001

Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/ Fail	Notes
Propane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30 µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60 µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500 µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100 µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500 µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500 µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50 µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500 µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150 µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150 µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50 µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50 µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1 µg/g	0.0	< 20	Acceptable	
1,1-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL  
 RPD - Relative Percent Difference  
 LOQ - Limit of Quantitation

Units of Measure:

µg/g - Microgram per gram or ppm



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 23-012382/D004.R000  
**Report Date:** 10/30/2023  
**ORELAP#:** OR100028  
**Purchase Order:** 2679525  
**Received:** 10/17/23 16:17

Revision: 3 Document ID: 3120  
LegacyID: CFLC21WorksheetValidated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg			Batch ID 2312172			
Method Blank	Blank Result	Blank Limits	Notes	LCS Result	LCS Spk	LCS % Re	Limits	Notes
Abamectin	0.000	< 0.250		0.936	1.000	93.6	50.0 150	
Acephate	0.068	< 0.200		0.657	0.800	82.1	60.0 120	
Acetamiprid	0.000	< 0.100		0.351	0.400	87.9	60.0 120	
Aldicarb	0.000	< 0.200		0.766	0.800	95.6	60.0 120	
Azoxystrobin	0.011	< 0.100		0.346	0.400	86.6	60.0 120	
Bifenazate	0.000	< 0.100		0.376	0.400	93.9	60.0 120	
Bifenthrin	0.000	< 0.100		0.398	0.400	98.4	50.0 150	
Boscalid	0.000	< 0.200		0.813	0.800	101.6	60.0 120	
Carbaryl	0.000	< 0.100		0.367	0.400	91.7	60.0 120	
Carbendazim	0.000	< 0.100		0.346	0.400	86.4	60.0 120	
Chlorantraniliprole	0.000	< 0.100		0.391	0.400	97.8	60.0 120	
Chlorfenapyr	0.000	< 0.500		1.775	2.000	88.8	60.0 120	
Chlorpyrifos	0.000	< 0.100		0.372	0.400	93.0	60.0 120	
Clofentezine	0.000	< 0.100		0.369	0.400	92.4	60.0 120	
Cyfluthrin	0.000	< 0.500		1.894	2.000	94.7	50.0 150	
Cypermethrin	0.000	< 0.500		1.744	2.000	87.2	50.0 150	
Daminozide	0.000	< 0.500		0.601	2.000	30.0	60.0 120	Q7
Diazinon	0.000	< 0.100		0.372	0.400	92.9	60.0 120	
Dichlorvos	0.000	< 0.500		1.876	2.000	93.8	60.0 120	
Dimethoate	0.000	< 0.100		0.369	0.400	92.3	60.0 120	
Ethionphos	0.000	< 0.100		0.375	0.400	93.7	60.0 120	
Etofenprox	0.000	< 0.200		0.755	0.800	94.4	50.0 150	
Etoxazole	0.002	< 0.100		0.350	0.400	87.5	60.0 120	
Fenoxycarb	0.000	< 0.100		0.374	0.400	93.4	60.0 120	
Fenpyroximate	0.000	< 0.200		0.689	0.800	86.1	60.0 120	
Fipronil	0.000	< 0.200		0.774	0.800	96.7	60.0 120	
Fonicamid	0.000	< 0.250		0.896	1.000	89.6	60.0 120	
Fludioxonil	0.000	< 0.200		0.766	0.800	95.8	50.0 150	
Hexythiazox	0.000	< 0.250		0.955	1.000	95.5	60.0 120	
Imazalil	0.000	< 0.100		0.391	0.400	97.8	60.0 120	
Imidacloprid	0.000	< 0.200		0.738	0.800	92.3	60.0 120	
Kiesoxim-methyl	0.000	< 0.200		0.751	0.800	93.8	60.0 120	
Malathion	0.000	< 0.100		0.352	0.400	87.9	60.0 120	
Metaxyl	0.000	< 0.100		0.373	0.400	93.4	60.0 120	
Methiocarb	0.000	< 0.100		0.360	0.400	90.1	60.0 120	
Methomyl	0.000	< 0.200		0.673	0.800	84.1	60.0 120	
MCK-264	0.000	< 0.100		0.366	0.400	91.6	50.0 150	
Mydobutanol	0.000	< 0.100		0.363	0.400	90.7	60.0 120	
Naled	0.000	< 0.250		0.982	1.000	98.2	50.0 150	
Oxamyl	0.000	< 0.500		1.794	2.000	89.7	60.0 120	
Padobutrazole	0.000	< 0.200		0.779	0.800	97.4	60.0 120	
Parathion-Methyl	0.000	< 0.100		0.375	0.400	93.8	50.0 150	
Permethrin	0.000	< 0.100		0.360	0.400	89.9	50.0 150	
Phosmet	0.000	< 0.100		0.368	0.400	92.1	50.0 150	
Piperonyl butoxide	0.000	< 0.500		1.941	2.000	97.0	60.0 120	
Prallethrin	0.000	< 0.100		0.360	0.400	89.9	60.0 120	
Propiconazole	0.000	< 0.200		0.752	0.800	94.0	60.0 120	
Propoxur	0.000	< 0.100		0.365	0.400	91.3	60.0 120	
Pyrethrin (Summe)	0.000	< 0.100		0.435	0.488	89.1	60.0 120	
Pyridaben	0.000	< 0.100		0.355	0.400	88.7	50.0 150	
Spirosad	0.000	< 0.100		0.369	0.388	95.1	50.0 150	
Spiromesfen	0.000	< 0.100		0.347	0.400	86.8	60.0 120	
Spirotetramat	0.000	< 0.100		0.369	0.400	92.3	60.0 120	
Spiroxamine	0.000	< 0.200		0.775	0.800	96.8	60.0 120	
Tebuconazole	0.000	< 0.200		0.750	0.800	93.8	60.0 120	
Thiadoprid	0.000	< 0.100		0.364	0.400	91.0	60.0 120	
Thiamethoxam	0.000	< 0.100		0.349	0.400	87.3	60.0 120	
Trifloxystrobin	0.000	< 0.100		0.370	0.400	92.5	60.0 120	



12423 NE Whitaker Way  
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Report Number: 23-012382/D004.R000  
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Purchase Order: 2679525  
Received: 10/17/23 16:17

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Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg				Batch ID 2312172					
Matrix Spk/Matrix Spke	Duplicate Recoveries	Result	MS Res	MSD Res	Spike	RFD%	Limit	MS% Re	MSD % Re	Limits	Notes
Abamectin	0.00	0.953	1.024	1.000	7.2%	< 30	95.3%	102.4%	50 - 150		
Acephate	0.00	0.657	0.687	0.800	4.5%	< 30	82.1%	85.8%	50 - 150		
Acequinocyl	0.00	3.558	3.928	4.000	9.9%	< 30	88.9%	98.2%	50 - 150		
Acetamiprid	0.00	0.385	0.391	0.400	1.7%	< 30	96.1%	97.8%	50 - 150		
Aldicarb	0.00	0.754	0.786	0.800	4.2%	< 30	94.3%	98.3%	50 - 150		
Azoxystrobin	0.00	0.336	0.352	0.400	4.8%	< 30	81.3%	85.4%	50 - 150		
Bifenazate	0.00	0.361	0.391	0.400	7.9%	< 30	90.3%	97.8%	50 - 150		
Bifenthrin	0.00	0.392	0.391	0.400	0.0%	< 30	97.9%	97.9%	50 - 150		
Boscalid	0.00	0.775	0.862	0.800	10.6%	< 30	96.9%	107.8%	50 - 150		
Carbaryl	0.00	0.369	0.375	0.400	1.7%	< 30	92.2%	93.8%	50 - 150		
Carbofuran	0.00	0.353	0.370	0.400	4.7%	< 30	88.2%	92.4%	50 - 150		
Chlorantraniliprole	0.00	0.393	0.363	0.400	7.9%	< 30	98.4%	90.8%	50 - 150		
Chlorfenapyr	0.00	1.696	1.804	2.000	6.2%	< 30	84.8%	90.2%	50 - 150		
Chlorpyrifos	0.00	0.356	0.404	0.400	12.8%	< 30	88.9%	101.0%	50 - 150		
Clofentezine	0.00	0.323	0.334	0.400	3.4%	< 30	80.8%	83.8%	50 - 150		
Cyfluthrin	0.00	2.133	2.474	2.000	14.8%	< 30	106.6%	123.7%	30 - 150		
Cypermethrin	0.00	1.943	2.243	2.000	14.3%	< 30	97.2%	112.1%	50 - 150		
Daminozide	0.00	0.610	0.568	2.000	7.1%	< 30	30.9%	28.4%	30 - 150	Q	
Diazinon	0.00	0.353	0.388	0.400	9.6%	< 30	88.1%	97.0%	50 - 150		
Dichlorvos	0.00	1.881	2.056	2.000	8.9%	< 30	94.1%	102.8%	50 - 150		
Dimethoate	0.00	0.368	0.369	0.400	0.2%	< 30	92.1%	92.3%	50 - 150		
Ethionphos	0.00	0.363	0.377	0.400	3.7%	< 30	90.8%	94.2%	50 - 150		
Etofenprox	0.00	0.803	0.792	0.800	1.4%	< 30	100.4%	99.0%	50 - 150		
Etoxazole	0.00	0.356	0.372	0.400	4.6%	< 30	88.3%	92.5%	50 - 150		
Fenoxycarb	0.00	0.384	0.378	0.400	1.5%	< 30	95.9%	94.4%	50 - 150		
Fenpyroximate	0.00	0.725	0.823	0.800	12.6%	< 30	90.7%	102.9%	50 - 150		
Fipronil	0.00	0.814	0.797	0.800	2.2%	< 30	101.8%	99.8%	50 - 150		
Fonicamid	0.00	0.904	0.916	1.000	1.4%	< 30	90.4%	91.6%	50 - 150		
Fludioxonil	0.00	0.715	0.762	0.800	6.4%	< 30	89.4%	95.3%	50 - 150		
Hexythiazox	0.00	1.886	1.964	1.000	4.1%	< 30	188.6%	196.4%	50 - 150	Q	
Imazalil	0.00	0.377	0.400	0.400	6.0%	< 30	94.2%	100.0%	50 - 150		
Imidacloprid	0.00	0.705	0.740	0.800	4.8%	< 30	88.1%	92.4%	50 - 150		
Kiesoxim-methyl	0.00	0.704	0.732	0.800	3.8%	< 30	88.1%	91.5%	50 - 150		
Malathion	0.00	0.359	0.368	0.400	2.5%	< 30	89.9%	92.0%	50 - 150		
Metaxyl	0.00	0.374	0.385	0.400	3.1%	< 30	93.4%	96.3%	50 - 150		
Methiocarb	0.00	0.353	0.409	0.400	14.6%	< 30	88.3%	102.1%	50 - 150		
Methomyl	0.00	0.799	0.810	0.800	1.4%	< 30	99.8%	101.3%	50 - 150		
MCK-264	0.00	0.356	0.370	0.400	3.8%	< 30	89.0%	92.4%	50 - 150		
Mydobutani	0.00	0.351	0.368	0.400	4.7%	< 30	87.8%	92.0%	50 - 150		
Naled	0.00	0.880	0.960	1.000	8.7%	< 30	88.0%	96.0%	50 - 150		
Oxaryl	0.00	1.663	1.823	2.000	9.2%	< 30	83.1%	91.2%	50 - 150		
Padobutrazole	0.00	0.747	0.764	0.800	2.2%	< 30	93.4%	95.5%	50 - 150		
Parathion-Methyl	0.00	0.409	0.372	0.400	9.4%	< 30	102.2%	93.1%	30 - 150		
Permethrin	0.00	0.390	0.390	0.400	0.2%	< 30	97.6%	97.5%	50 - 150		
Phosmet	0.00	0.395	0.375	0.400	5.2%	< 30	98.7%	93.7%	50 - 150		
Piperonyl butoxide	0.00	1.882	2.045	2.000	8.3%	< 30	94.1%	102.2%	50 - 150		
Prallethrin	0.00	0.380	0.395	0.400	3.9%	< 30	95.0%	98.8%	50 - 150		
Propiconazole	0.00	0.745	0.776	0.800	4.1%	< 30	93.1%	97.0%	50 - 150		
Propoxur	0.00	0.357	0.373	0.400	4.5%	< 30	89.1%	93.3%	50 - 150		
Pyrethrin (Summe)	0.00	0.480	0.512	0.488	10.8%	< 30	94.3%	105.0%	50 - 150		
Pyridaben	0.00	0.422	0.468	0.400	10.2%	< 30	105.5%	116.9%	50 - 150		
Spinosad	0.00	0.350	0.386	0.388	9.7%	< 30	90.2%	99.4%	50 - 150		
Spiromesfen	0.00	0.363	0.386	0.400	6.1%	< 30	90.8%	96.6%	50 - 150		
Spirotetramat	0.00	0.360	0.368	0.400	2.0%	< 30	90.1%	91.9%	50 - 150		
Spiroxamine	0.00	0.771	0.793	0.800	2.9%	< 30	96.4%	99.2%	50 - 150		
Tebuconazole	0.00	0.734	0.767	0.800	4.4%	< 30	91.8%	95.9%	50 - 150		
Thiadoprid	0.00	0.365	0.379	0.400	3.8%	< 30	91.1%	94.7%	50 - 150		
Thiamethoxam	0.00	0.355	0.357	0.400	0.6%	< 30	88.8%	89.4%	50 - 150		
Trifloxystrobin	0.00	0.375	0.396	0.400	5.4%	< 30	93.7%	98.9%	50 - 150		



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**Report Number:** 23-012382/D004.R000  
**Report Date:** 10/30/2023  
**ORELAP#:** OR100028  
**Purchase Order:** 2679525  
**Received:** 10/17/23 16:17





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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.