

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b> ISO	<b>BATCH #</b> DI48-MIX-CBD	<b>LOQ:</b> Limit Of Quantitation	
<b>PRODUCT NAME</b> Isolate	<b>SERVING SIZE</b> 1 g	<b>LOD:</b> Limit Of Detection	
<b>LABORATORY:</b> Columbia Laboratory	<b>OREGON ACCREDITATION:</b> OR100028	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)	980 mg/serving	98.0 mg/g	9.80 %
Total THC (d9-THC, THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabigerol (CBG)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabichromene (CBC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ µg/serving	<LOQ µg/g	10 µg/day <sup>[1]</sup>
Cadmium	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day <sup>[1]</sup>
Lead	<LOQ µg/serving	<LOQ µg/g	3.5 µg/day <sup>[2]</sup>
Mercury	<LOQ µg/serving	<LOQ 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	<LOQ		
Heptane	<LOQ		
None of the 34 residual solvents tested found above limit of quantitation in the sample.			



1. American Herbal Pharmacopoeia. (2014). Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.  
 2. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA.  
 US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA.



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



**Report Number:** 21-011255/D003.R002  
**Report Date:** 10/13/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/24/21 10:30

This is an amended version of report# 21-011255/D003.R001.  
 Reason: Additional testing added.

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-DI48-MIX-CBD  
**Client/Metric ID:** .  
**Laboratory ID:** 21-011255-0001

### Summary

#### Potency:

Analyte	Result (%)		
CBD	> 98.0		CBD-Total > 98.0
CBDV†	0.272		THC-Total <LOQ
CBE†	0.252		(Reported in percent of total sample)

#### Residual Solvents:

All analytes passing and less than LOQ.

#### Pesticides:

All analytes passing and less than LOQ.

#### Metals:

Less than LOQ for all analytes.



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**Received:** 09/24/21 10:30



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

**Product identity:** FORM-DI48-MIX-CBD

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-011255-0001

**Evidence of Cooling:** No

**Temp:** 21.8 °C

**Relinquished by:** UPS

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2108995	Analyze: 10/5/21 5:01:00 PM
Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0833	
CBC-A†	< LOQ		0.0833	
CBC-Total†	< LOQ		0.156	
CBD	> 98.0		0.833	
CBD-A	< LOQ		0.0833	
CBD-Total	> 98.0		0.906	
CBDV†	0.272		0.0833	
CBDV-A†	< LOQ		0.0833	
CBDV-Total†	0.272		0.156	
CBE†	0.252		0.0833	
CBG†	< LOQ		0.0833	
CBG-A†	< LOQ		0.0833	
CBG-Total	< LOQ		0.156	
CBL†	< LOQ		0.0833	
CBL-A†	< LOQ		0.0833	
CBL-Total†	< LOQ		0.156	
CBN	< LOQ		0.0833	
CBT†	< LOQ		0.0833	
Δ8-THC†	< LOQ		0.0833	
Δ8-THCV	< LOQ		0.0833	
Δ9-THC	< LOQ		0.0833	
THC-A	< LOQ		0.0833	
THC-Total	< LOQ		0.156	
THCV†	< LOQ		0.0833	
THCV-A†	< LOQ		0.0833	
THCV-Total†	< LOQ		0.156	
<b>Total Cannabinoids†</b>	<b>&gt; 98.0</b>			





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Solvents					Method	Residual Solvents by GC/MS					Units	μg/g	Batch	2108857	Analyze	10/01/21	01:00 PM
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	< LOQ		200								
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass							
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< 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	< LOQ	70.0	30.0	pass							
m,p-Xylene	< LOQ		200			Methanol	< LOQ	3000	200	pass							
Methylene chloride	< LOQ	600	60.0	pass		Methylpropane	< 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	< LOQ	2170	600	pass													



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2109155 Analyze 10/11/21 03:08 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Arsenic	< LOQ		mg/kg	0.0472	2109111	10/08/21	AOAC 2013.06 (mod.)			X
Cadmium	< LOQ		mg/kg	0.0472	2109111	10/08/21	AOAC 2013.06 (mod.)			X
Lead	< LOQ		mg/kg	0.0472	2109111	10/08/21	AOAC 2013.06 (mod.)			X
Mercury	< LOQ		mg/kg	0.0236	2109111	10/08/21	AOAC 2013.06 (mod.)			X



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**Purchase Order:**  
**Received:** 09/24/21 10:30

These test results are representative of the individual sample selected and submitted by the client.

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

**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.

† = Analyte not NELAP accredited.

**Units of Measure**

µg/g = Microgram per gram

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

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager



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**Cannabis Chain of Custody Record**

ORELAP ID: OR100028

Analysis Requested												Purchase Order Number:					
												Project Number:					
												Project Name:					
												<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30					
												Other:					
Field ID	Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
FORM-DI48-MIX-CBD	09/23/21	1	1	1							1			ISOLATE			

Collected By:	[Redacted]	<b>Lab Use Only:</b>
<input checked="" type="checkbox"/> Standard (5 day)		Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)		Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)		Proper Container
		Sample Condition
		Temperature: 21.8
		Shipped Via: UPS
		Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 1.02 Control#: CF023 Effective 01/31/2019 Revised 01/31/2019 [www.pixislabs.com](http://www.pixislabs.com) Page 1 of 2



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Portland, OR 97230  
503-254-1794



Report Number: 21-011255/D003.R002  
Report Date: 10/13/2021  
ORELAP#: OR100028  
Purchase Order:  
Received: 09/24/21 10:30



Document ID: 3177 Revision: 2  
Effective: 06/25/2021  
Page 1 of 1

Job Number: \_\_\_\_\_ Search Name: \_\_\_\_\_

Package/Cooler opened on (if different than received date/time) Date: 9/24/21 Time: 10:30

Received By (Initials): BD Logged in by (Initials): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

1) Were custody seals on outside of the package/cooler? YES NO NA  
If YES, how many and where? \_\_\_\_\_

Does date match collection date on COC? ----- YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: \_\_\_\_\_

Tracking Number (written in or copy of shipping label):

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+- 2°C (if appropriate)? YES NO NA

If not, client contacted: \_\_\_\_\_  
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: \_\_\_\_\_





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Revision # 0 00 Con rol CFL D06  
 Revision Da e 05/31/2019 Effec ive Da e 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2108808

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBDV	0.214	0.2	%	107	85.0 - 115	Acceptable	
CBE	0.195	0.2	%	97.7	85.0 - 115	Acceptable	
CBDA	0.206	0.2	%	103	85.0 - 115	Acceptable	
CBGA	0.199	0.2	%	99.6	85.0 - 115	Acceptable	
CBG	0.209	0.2	%	104	85.0 - 115	Acceptable	
CBD	0.202	0.2	%	101	85.0 - 115	Acceptable	
THCV	0.204	0.2	%	102	85.0 - 115	Acceptable	
d8THCV	0.189	0.2	%	94.3	85.0 - 115	Acceptable	
THCVA	0.192	0.2	%	95.8	85.0 - 115	Acceptable	
CBN	0.204	0.2	%	102	85.0 - 115	Acceptable	
exo-THC	0.185	0.2	%	92.4	85.0 - 115	Acceptable	
d9THC	0.195	0.2	%	97.7	85.0 - 115	Acceptable	
d8THC	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBL	0.193	0.2	%	96.4	85.0 - 115	Acceptable	
CBC	0.209	0.2	%	104	85.0 - 115	Acceptable	
THCA	0.193	0.2	%	96.6	85.0 - 115	Acceptable	
CBCA	0.170	0.2	%	85.2	85.0 - 115	Acceptable	
CBLA	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBT	0.197	0.2	%	98.3	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<LOQ	0.1	%	< 0.1	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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Revision # 0 00 Con rol CFL D06  
 Revision Date 05/31/2019 Effective Date 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2108808						
Sample Duplicate		Sample ID: 21-011251-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	0.533	0.581	0.1	%	8.75	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	0.120	0.126	0.1	%	5.45	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	82.9	82.8	0.1	%	0.132	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.178	0.159	0.1	%	11.1	< 20	Acceptable	

**Abbreviations**

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

**Units of Measure:**

% - Percent



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Revision: Document ID:  
 Legacy ID: Effective:

Laboratory Quality Control Results

Batch ID: 2108899

Residual Solvents				Laboratory Control Sample					
Method Blank	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		542	595	µg/g	91.1	70	130
Isobutane	ND	< 200		541	761	µg/g	71.1	70	130
Butane	ND	< 200		755	761	µg/g	99.2	70	130
2,2-Dimethylpropane	ND	< 200		922	955	µg/g	96.5	70	130
Methanol	ND	< 200		1145	1610	µg/g	70.6	70	130
Ethylene Oxide	ND	< 30		56.5	58.3	µg/g	97.0	70	130
2-Methylbutane	ND	< 200		1320	1610	µg/g	82.0	70	130
Pentane	ND	< 200		1310	1610	µg/g	81.4	70	130
Ethanol	ND	< 200		1400	1610	µg/g	87.0	70	130
Ethyl Ether	ND	< 200		1380	1610	µg/g	85.7	70	130
2,2-Dimethylbutane	ND	< 30		161	164	µg/g	98.2	70	130
Acetone	ND	< 200		1340	1610	µg/g	83.2	70	130
2-Propanol	ND	< 200		1380	1610	µg/g	85.7	70	130
Acetonitrile	ND	< 100		388	454	µg/g	80.2	70	130
2,3-Dimethylbutane	ND	< 30		147	167	µg/g	88.0	70	130
Dichloromethane	ND	< 60		475	491	µg/g	96.7	70	130
2-Methylpentane	ND	< 30		171	165	µg/g	103.6	70	130
3-Methylpentane	ND	< 30		146	172	µg/g	84.9	70	130
Hexane	ND	< 30		147	167	µg/g	88.0	70	130
Ethyl acetate	ND	< 200		1320	1610	µg/g	82.0	70	130
2-Butanol	ND	< 200		1420	1610	µg/g	88.2	70	130
Tetrahydrofuran	ND	< 100		481	483	µg/g	99.6	70	130
Cyclohexane	ND	< 200		1490	1610	µg/g	92.5	70	130
Benzene	ND	< 1		5.34	5.36	µg/g	99.6	70	130
Isopropyl Acetate	ND	< 200		1480	1620	µg/g	91.4	70	130
Heptane	ND	< 200		1340	1610	µg/g	83.2	70	130
1,4-Dioxane	ND	< 100		481	483	µg/g	99.6	70	130
2-Ethoxyethanol	ND	< 30		122	167	µg/g	73.0	70	130
Ethylene Glycol	ND	< 200		465	504	µg/g	92.3	70	130
Toluene	ND	< 200		497	484	µg/g	102.7	70	130
Ethyl benzene	ND	< 200		1020	968	µg/g	105.4	70	130
m-Xylene	ND	< 200		1160	977	µg/g	118.7	70	130
p-Xylene	ND	< 200		1080	968	µg/g	110.4	70	130
Cumene	ND	< 30		193	169	µg/g	114.2	70	130



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503-254-1794



**Report Number:** 21-011255/D003.R002  
**Report Date:** 10/13/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/24/21 10:30

Revision: Document ID:  
Legacy ID: Effective:

CO - Sample Duplicate Sample ID: 21-011245-0001

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	
Methand	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	
Ethand	ND	ND	200	µg/g	0.0	<20	Acceptable	
Ethyl E her	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-Propand	ND	ND	200	µg/g	0.0	<20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	<20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	<20	Acceptable	
Dichloromethane	ND	ND	50	µg/g	0.0	<20	Acceptable	
2-Methylpentane	ND	ND	30	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	
Ethyl acetate	ND	ND	200	µg/g	0.0	<20	Acceptable	
2-Butand	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	
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	
1,4-Dioxane	ND	ND	100	µg/g	0.0	<20	Acceptable	
2-Ethoxyethand	ND	ND	30	µg/g	0.0	<20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	<20	Acceptable	
Toluene	ND	ND	200	µg/g	0.0	<20	Acceptable	
Ethyl benzene	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	

**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



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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID 2108995

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.201	0.2	%	100	85.0 - 115	Acceptable	
CBDV	0.213	0.2	%	106	85.0 - 115	Acceptable	
CBE	0.206	0.2	%	103	85.0 - 115	Acceptable	
CBD	0.223	0.2	%	111	85.0 - 115	Acceptable	
CBGA	0.198	0.2	%	99.0	85.0 - 115	Acceptable	
CBG	0.208	0.2	%	104	85.0 - 115	Acceptable	
CBD	0.215	0.2	%	108	85.0 - 115	Acceptable	
THCV	0.202	0.2	%	101	85.0 - 115	Acceptable	
Δ8THCV	0.200	0.2	%	99.9	85.0 - 115	Acceptable	
THCVA	0.196	0.2	%	98.1	85.0 - 115	Acceptable	
CBN	0.218	0.2	%	109	85.0 - 115	Acceptable	
exo-THC	0.194	0.2	%	97.2	85.0 - 115	Acceptable	
Δ9THC	0.206	0.2	%	103	85.0 - 115	Acceptable	
Δ8THC	0.199	0.2	%	99.5	85.0 - 115	Acceptable	
CEL	0.185	0.2	%	92.6	85.0 - 115	Acceptable	
CBG	0.202	0.2	%	101	85.0 - 115	Acceptable	
THCA	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBGA	0.202	0.2	%	101	85.0 - 115	Acceptable	
CEL <sup>A</sup>	0.210	0.2	%	105	85.0 - 115	Acceptable	
CBT	0.218	0.2	%	109	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
Δ8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
Δ9THC	<LOQ	0.1	%	< 0.1	Acceptable	
Δ8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CEL	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CEL <sup>A</sup>	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<LOQ	0.1	%	< 0.1	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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Revision #: 0.00 Control : CFL-D06  
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V98-6									
Batch ID: 2106995									
Sample Duplicate									
Sample ID: 21-006903-0006									
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes	
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBDAA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBB <sup>A</sup>	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
THOV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
d8THOV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
THOVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBN	>98.0	>98.0	0.1	%	NA	< 20	Acceptable		
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBL <sup>A</sup>	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		
CBT	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable		

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

Units of Measure:

%- Percent



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**Laboratory Pesticide Quality Control Results**

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 2109155				
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 21-011860-0001								
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Acephate	0.000	0.782	0.826	1.000	5.5%	< 30	78.2%	82.6%	50 - 150	
Acequinocyl	0.000	1.010	0.981	4.000	2.9%	< 30	25.2%	24.5%	50 - 150	Q
Acetamiprid	0.000	0.282	0.286	0.400	1.5%	< 30	70.6%	71.6%	50 - 150	
Aldicarb	0.000	0.631	0.673	0.800	6.5%	< 30	78.9%	84.1%	50 - 150	
Abamectin	0.000	0.657	0.646	1.000	1.6%	< 30	65.7%	64.6%	50 - 150	
Azoxystrobin	0.000	0.264	0.272	0.400	3.2%	< 30	65.9%	68.0%	50 - 150	
Bifenazate	0.000	0.379	0.388	0.400	2.3%	< 30	94.8%	96.9%	50 - 150	
Bifenthrin	0.000	0.223	0.207	0.400	7.6%	< 30	55.8%	51.7%	50 - 150	
Boscalid	0.000	0.445	0.489	0.800	9.4%	< 30	55.6%	61.1%	50 - 150	
Carbaryl	0.000	0.231	0.231	0.400	0.3%	< 30	57.8%	57.7%	50 - 150	
Carbofuran	0.003	0.241	0.251	0.400	4.0%	< 30	59.6%	62.1%	50 - 150	
Chlorantraniliprol	0.000	0.351	0.363	0.400	3.4%	< 30	87.8%	90.8%	50 - 150	
Chlorfenapyr	0.000	1.024	0.949	2.000	7.6%	< 30	51.2%	47.4%	50 - 150	Q
Chlorpyrifos	0.000	0.537	0.601	0.400	11.2%	< 30	134.3%	150.2%	50 - 150	Q1
Clofentezine	0.000	0.217	0.213	0.400	1.7%	< 30	54.2%	53.3%	50 - 150	
Cyfluthrin	0.000	0.817	0.853	2.000	4.3%	< 30	40.9%	42.7%	30 - 150	
Cypermethrin	0.000	0.901	0.890	2.000	1.2%	< 30	45.0%	44.5%	50 - 150	Q
Daminozide	0.000	1.146	1.161	2.000	1.3%	< 30	57.3%	58.1%	30 - 150	
Diazinon	0.000	0.306	0.312	0.400	1.8%	< 30	76.5%	77.9%	50 - 150	
Dichlorvos	0.000	1.285	1.373	2.000	6.6%	< 30	64.2%	68.6%	50 - 150	
Dimethoat	0.000	0.284	0.300	0.400	5.7%	< 30	70.9%	75.1%	50 - 150	
Ethoprophos	0.000	0.242	0.256	0.400	5.6%	< 30	60.6%	64.1%	50 - 150	
Etofenprox	0.000	0.356	0.351	0.800	1.4%	< 30	44.5%	43.8%	50 - 150	Q
Etoxazol	0.000	0.230	0.218	0.400	5.5%	< 30	57.6%	54.5%	50 - 150	
Fenoxycarb	0.000	0.249	0.245	0.400	1.6%	< 30	62.2%	61.3%	50 - 150	
Fenpyroximat	0.000	0.492	0.498	0.800	1.2%	< 30	61.5%	62.3%	50 - 150	
Fipronil	0.000	0.345	0.326	0.800	5.7%	< 30	43.1%	40.8%	50 - 150	Q
Fonicamid	0.000	0.845	0.918	1.000	8.4%	< 30	84.5%	91.8%	50 - 150	
Fludoxonil	0.000	0.999	1.012	0.800	1.3%	< 30	124.9%	126.5%	50 - 150	
Hexythiazox	0.000	0.414	0.381	1.000	8.4%	< 30	41.4%	38.1%	50 - 150	Q
Imazalil	0.000	0.281	0.285	0.400	1.6%	< 30	70.2%	71.4%	50 - 150	
Imidacloprid	0.000	0.743	0.813	0.800	9.0%	< 30	92.8%	101.6%	50 - 150	
Kresoxim-Methyl	0.000	0.513	0.511	0.800	0.3%	< 30	64.1%	63.9%	50 - 150	
Malathion	0.000	0.291	0.250	0.400	15.4%	< 30	72.8%	62.4%	50 - 150	
Metaxyl	0.000	0.312	0.327	0.400	4.5%	< 30	78.1%	81.7%	50 - 150	
Methiocarb	0.000	0.263	0.273	0.400	3.5%	< 30	65.9%	68.2%	50 - 150	
Methomyl	0.000	0.661	0.842	0.800	24.1%	< 30	82.6%	105.2%	50 - 150	
MGK 264	0.000	0.173	0.174	0.400	0.5%	< 30	43.3%	43.6%	50 - 150	Q
Myclobutanil	0.000	0.232	0.235	0.400	1.5%	< 30	57.9%	58.8%	50 - 150	
Naled	0.000	0.458	0.481	1.000	4.9%	< 30	45.8%	48.1%	50 - 150	Q
Oxamyl	0.000	1.805	1.898	2.000	5.0%	< 30	90.2%	94.9%	50 - 150	
Paclobutrazol	0.000	0.472	0.487	0.800	3.2%	< 30	59.6%	60.9%	50 - 150	
Parathion Methyl	0.000	0.202	0.268	0.800	27.9%	< 30	25.3%	33.5%	30 - 150	Q
Permethrin	0.000	0.175	0.169	0.400	3.0%	< 30	43.6%	42.3%	50 - 150	Q
Phosmet	0.000	0.218	0.220	0.400	0.8%	< 30	54.5%	55.0%	50 - 150	
Piperonyl butoxide	0.000	1.303	1.274	2.000	2.3%	< 30	65.2%	63.7%	50 - 150	
Prallethrin	0.000	0.728	0.760	0.400	4.3%	< 30	182.0%	190.0%	50 - 150	Q1
Propiconazole	0.000	0.468	0.500	0.800	6.7%	< 30	58.5%	62.5%	50 - 150	
Propoxur	0.000	0.260	0.274	0.400	5.2%	< 30	65.0%	68.5%	50 - 150	
Pyrethrins	0.000	0.355	0.373	0.413	5.0%	< 30	85.9%	90.2%	50 - 150	
Pyridaben	0.000	0.192	0.196	0.400	1.7%	< 30	48.1%	48.9%	50 - 150	Q
Spinosad	0.000	0.289	0.294	0.388	1.7%	< 30	74.6%	75.9%	50 - 150	
Spiromesifen	0.000	0.303	0.275	0.400	9.8%	< 30	75.8%	68.7%	50 - 150	
Spirotetramat	0.000	0.432	0.442	0.400	2.4%	< 30	107.9%	110.5%	50 - 150	
Spiroxamine	0.000	0.629	0.653	0.800	3.7%	< 30	78.6%	81.6%	50 - 150	
Tebuconazol	0.000	0.477	0.490	0.800	2.8%	< 30	59.6%	61.3%	50 - 150	
Thiadcoprid	0.000	0.286	0.297	0.400	3.8%	< 30	71.6%	74.3%	50 - 150	
Thiamethoxam	0.000	0.352	0.365	0.400	3.7%	< 30	87.9%	91.2%	50 - 150	
Trifloxystrobin	0.000	0.205	0.212	0.400	3.4%	< 30	51.2%	53.0%	50 - 150	



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**Laboratory Pesticide Quality Control Results**

AOAC 2007.1 & EN 15662		Units: mg/Kg		Batch ID: 2109155				
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Accephate	0.157	< 0.250		0.986	1.000	98.6	69.8 - 130	
Acequinocyl	0.000	< 1.000		3.055	4.000	76.4	71.2 - 132	
Acetamiprid	0.000	< 0.100		0.365	0.400	91.3	70.5 - 131	
Aldicarb	0.000	< 0.200		0.731	0.800	91.4	73.1 - 136	
Abamectin	0.000	< 0.250		0.935	1.000	93.5	71.3 - 132	
Azoxystrobin	0.000	< 0.100		0.360	0.400	89.9	69.6 - 129	
Bifenazate	0.000	< 0.100		0.409	0.400	102.2	74.0 - 138	
Bifenthrin	0.000	< 0.100		0.349	0.400	87.2	69.4 - 129	
Boscalid	0.000	< 0.200		0.773	0.800	96.6	70.0 - 130	
Carbaryl	0.002	< 0.100		0.358	0.400	89.5	70.1 - 130	
Carbofuran	0.001	< 0.100		0.360	0.400	89.9	71.7 - 133	
Chlorantraniliprol	0.000	< 0.100		0.354	0.400	88.5	69.3 - 129	
Chlorfenapyr	0.000	< 0.500		1.951	2.000	97.5	71.0 - 132	
Chlorpyrifos	0.000	< 0.100		0.367	0.400	91.6	68.5 - 127	
Clofentezine	0.000	< 0.100		0.359	0.400	89.8	69.4 - 129	
Cyfluthrin	0.000	< 0.500		1.753	2.000	87.7	71.7 - 133	
Cypermethrin	0.000	< 0.500		1.792	2.000	89.6	71.1 - 132	
Daminozide	0.114	< 0.500		1.776	2.000	88.8	71.6 - 133	
Diazinon	0.000	< 0.100		0.404	0.400	101.1	70.0 - 130	
Dichlorvos	0.000	< 0.500		1.712	2.000	85.6	68.3 - 127	
Dimethoat	0.000	< 0.100		0.361	0.400	90.1	70.5 - 131	
Ethoprophos	0.000	< 0.100		0.349	0.400	87.3	69.2 - 128	
Etofenprox	0.000	< 0.200		0.698	0.800	87.3	71.6 - 133	
Etoxazol	0.000	< 0.100		0.354	0.400	88.6	70.3 - 131	
Fenoxycarb	0.000	< 0.100		0.366	0.400	91.6	69.8 - 130	
Fenpyroximat	0.000	< 0.200		0.736	0.800	92.0	70.5 - 131	
Fipronil	0.000	< 0.200		0.722	0.800	90.3	71.7 - 133	
Flonicamid	0.000	< 0.250		0.923	1.000	92.3	70.4 - 131	
Fludioxonil	0.000	< 0.200		0.721	0.800	90.1	73.3 - 136	
Hexythiazox	0.000	< 0.250		0.853	1.000	85.3	68.9 - 128	
Imazalil	0.000	< 0.100		0.367	0.400	91.7	72.1 - 134	
Imidacloprid	0.000	< 0.200		0.728	0.800	91.0	69.6 - 129	
Kresoxim-Methyl	0.000	< 0.200		0.711	0.800	88.9	70.0 - 130	
Malathion	0.000	< 0.100		0.369	0.400	92.2	69.4 - 129	
Metaxyl	0.000	< 0.100		0.363	0.400	90.8	70.4 - 131	
Methiocarb	0.007	< 0.100		0.360	0.400	89.9	69.9 - 130	
Methomyl	0.000	< 0.200		0.732	0.800	91.5	69.7 - 129	
MGK 264	0.000	< 0.100		0.376	0.400	94.0	69.6 - 129	
Myclobutanil	0.000	< 0.100		0.356	0.400	89.1	70.1 - 130	
Naled	0.000	< 0.250		0.913	1.000	91.3	71.9 - 133	
Oxamyl	0.000	< 0.500		1.831	2.000	91.6	70.4 - 131	
Paclobutrazol	0.000	< 0.200		0.707	0.800	88.3	70.4 - 131	
Parathion Methyl	0.000	< 0.200		0.784	0.800	98.1	71.6 - 133	
Permethrin	0.000	< 0.100		0.354	0.400	88.4	69.9 - 130	
Phosmet	0.000	< 0.100		0.365	0.400	91.1	69.7 - 129	
Piperonyl butoxide	0.000	< 0.500		1.794	2.000	89.7	72.4 - 135	
Prallethrin	0.000	< 0.100		0.375	0.400	93.8	70.4 - 131	
Propiconazole	0.000	< 0.200		0.733	0.800	91.6	70.1 - 130	
Propoxur	0.009	< 0.100		0.364	0.400	91.1	69.7 - 129	
Pyrethrins	0.000	< 0.100		0.364	0.413	88.1	68.9 - 128	
Pyridaben	0.000	< 0.100		0.348	0.400	86.9	69.7 - 129	
Spinosad	0.000	< 0.100		0.363	0.388	93.6	72.3 - 134	
Spiromesifen	0.000	< 0.100		0.351	0.400	87.8	71.0 - 132	
Spirotetramat	0.000	< 0.100		0.359	0.400	89.9	70.3 - 131	
Spiroxamine	0.000	< 0.200		0.713	0.800	89.1	68.4 - 127	
Tebuconazol	0.000	< 0.200		0.723	0.800	90.3	69.9 - 130	
Thiadoprid	0.000	< 0.100		0.363	0.400	90.6	69.5 - 129	
Thiamethoxam	0.000	< 0.100		0.365	0.400	91.1	69.5 - 129	
Trifloxystrobin	0.000	< 0.100		0.355	0.400	88.8	70.4 - 131	





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**Report Number:** 21-011255/D003.R002  
**Report Date:** 10/13/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/24/21 10:30

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.