

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b> GMY.D9.PF10	<b>BATCH #</b> EI40	<b>LOQ:</b> Limit Of Quantitation <b>LOD:</b> Limit Of Detection 1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb	
<b>PRODUCT NAME</b> Passionfruit Gummies	<b>SERVING SIZE</b> 1 gummy (5g)		
<b>LABORATORY:</b> Columbia Laboratories	<b>OREGON ACCREDITATION:</b> OR100028		
POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	10.50 mg/serving	2.10 mg/g	0.21 %
Total THC (d9-THC, THCA)	10.95 mg/serving	2.19 mg/g	0.22 %
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)	0.41 mg/serving	0.08 mg/g	0.01 %
Delta-9-THC (d9-THC)	10.60 mg/serving	2.12 mg/g	0.21 %
Delta-8-THC (d8-THC)	2.02 mg/serving	0.40 mg/g	0.04 %
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.			
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.  
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:** 22-012040/D007.R000  
**Report Date:** 10/14/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/05/22 15:38

**Customer:** Etz Hayim Holdings  
**Product identity:** CYCL-GMY.D9-PF10-EI40  
**Client/Metric ID:** .  
**Laboratory ID:** 22-012040-0003

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	2.10		mg/1g		THC-Total per Serving Size 2.19 mg/1g
Δ8-THC per 1g	0.404		mg/1g		
Δ9-THC per 1g	2.12		mg/1g		CBD-Total per Serving Size 2.10 mg/1g
THC-A per 1g	0.0827		mg/1g		(Reported in milligrams per serving)

**Residual Solvents:**

*All analytes passing and less than LOQ.*

**Pesticides:**

*All analytes passing and less than LOQ.*

**Metals:**

*Less than LOQ for all analytes.*

**Microbiology:**

*Less than LOQ for all analytes.*



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**Purchase Order:**  
**Received:** 10/05/22 15:38

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

**Product identity:** CYCL-GMY.D9-PF10-EI40

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 22-012040-0003

**Evidence of Cooling:** No

**Temp:** 22.3

**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: 2208570	Analyze: 10/7/22 9:11:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	< LOQ		mg/1g	0.0317	
CBC-A per 1g	< LOQ		mg/1g	0.0317	
CBC-Total per 1g	< LOQ		mg/1g	0.0595	
CBD per 1g	2.10		mg/1g	0.0317	
CBD-A per 1g	< LOQ		mg/1g	0.0317	
CBD-Total per 1g	2.10		mg/1g	0.0595	
CBDV per 1g	< LOQ		mg/1g	0.0317	
CBDV-A per 1g	< LOQ		mg/1g	0.0317	
CBDV-Total per 1g	< LOQ		mg/1g	0.0592	
CBE per 1g	< LOQ		mg/1g	0.0317	
CBG per 1g	< LOQ		mg/1g	0.0317	
CBG-A per 1g	< LOQ		mg/1g	0.0317	
CBG-Total per 1g	< LOQ		mg/1g	0.0592	
CBL per 1g	< LOQ		mg/1g	0.0317	
CBL-A per 1g	< LOQ		mg/1g	0.0317	
CBL-Total per 1g	< LOQ		mg/1g	0.0595	
CBN per 1g	< LOQ		mg/1g	0.0317	
CBT per 1g	< LOQ		mg/1g	0.0317	
Δ8-THCV per 1g	< LOQ		mg/1g	0.0317	
Δ10-THC per 1g	< LOQ		mg/1g	0.0317	
Δ8-THC per 1g	0.404		mg/1g	0.0317	
Δ9-THC per 1g	2.12		mg/1g	0.0317	
exo-THC per 1g	< LOQ		mg/1g	0.0317	
THC-A per 1g	0.0827		mg/1g	0.0317	
THC-Total per 1g	2.19		mg/1g	0.0595	
THCV per 1g	< LOQ		mg/1g	0.0317	
THCV-A per 1g	< LOQ		mg/1g	0.0317	
THCV-Total per 1g	< LOQ		mg/1g	0.0595	
Total Cannabinoids per 1g	4.73		mg/1g		



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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2208478	10/09/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2208478	10/09/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2208479	10/10/22 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2208479	10/10/22 AOAC 2014.05 (RAPID) <sup>P</sup>		

**Solvents** Method: Residual Solvents by GC/MS<sup>b</sup> Units µg/g Batch 2208606 Analyze 10/11/22 10:15 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-Dimethyl butane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethyl butane	< 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							



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>											
Units mg/kg Batch 2208602 Analyze 10/11/22 09:24 AM											
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	0.250	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	0.200	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	0.200	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	< LOQ	0.200	mg/kg	0.0176	2208587	10/10/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Cadmium	< LOQ	0.200	mg/kg	0.0176	2208587	10/10/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Lead	< LOQ	0.500	mg/kg	0.0176	2208587	10/10/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Mercury	< LOQ	0.100	mg/kg	0.00881	2208587	10/10/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			



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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, 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



12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

**Cannabis Chain of Custody Record**



**PIXIS Labs**  
A Tentamus Company

ID: OR100028

Purchase Order Number:

Project Number:

Project Name:

- Report Instructions:
- Send to State - METRC
- Email Final Results:
- Fax Final Results
- 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
[REDACTED]																		
FORM-CRM.SKR20-EI45			X	X	X				X	X	X				Topical		mg/g	Parallel Path
RM-VITEOIL-VA1000210824			X		X				X	X	X							LazNat Discount
CCL-EMV.D9.PF10-EI40			X		X	X			X	X	X				Edible		mg/g	Parallel Path
CCL-EMV.D9.PF10-EI33			X		X	X			X	X	X				Edible		mg/g	Parallel Path

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	<b>Lab Use Only:</b>
<input checked="" type="checkbox"/> Standard (5 day)	[REDACTED]			[REDACTED]			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: 22.3
							Shipped Via: client dropoff
							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#: CFO23  
Effective 01/31/2019 Revised 01/31/2019

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Revision 1 Documen D 7148  
Legacy D Workshee Valida ed 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2208570

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0356	0.034	%	103	80.0	- 120	Acceptable	
CBDV	2	0.0379	0.037	%	104	80.0	- 120	Acceptable	
CBE	2	0.0347	0.035	%	99.5	80.0	- 120	Acceptable	
CBDA	1	0.0337	0.033	%	101	90.0	- 110	Acceptable	
CBGA	1	0.0339	0.034	%	101	80.0	- 120	Acceptable	
CBG	1	0.0347	0.034	%	101	80.0	- 120	Acceptable	
CBD	1	0.0344	0.034	%	100	90.0	- 110	Acceptable	
THCV	2	0.0387	0.038	%	103	80.0	- 120	Acceptable	
d8THCV	2	0.0382	0.037	%	104	80.0	- 120	Acceptable	
THCVA	2	0.0347	0.034	%	103	80.0	- 120	Acceptable	
CBN	1	0.0343	0.034	%	102	90.0	- 110	Acceptable	
exo-THC	2	0.0351	0.034	%	103	80.0	- 120	Acceptable	
d9THC	1	0.0344	0.035	%	99.8	90.0	- 110	Acceptable	
d8THC	1	0.0333	0.033	%	99.6	90.0	- 110	Acceptable	
CBL	2	0.0338	0.033	%	103	80.0	- 120	Acceptable	
d10THC	1	0.0319	0.032	%	100	80.0	- 120	Acceptable	
CBC	2	0.0368	0.036	%	102	80.0	- 120	Acceptable	
THCA	1	0.0354	0.033	%	107	90.0	- 110	Acceptable	
CBCA	2	0.0363	0.035	%	103	80.0	- 120	Acceptable	
CBLA	2	0.0187	0.019	%	100	80.0	- 120	Acceptable	
CBT	2	0.0363	0.037	%	97.5	80.0	- 120	Acceptable	

Method Blank									
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes		
CBDVA	<LOQ	0.003	%	< 0.003		Acceptable			
CBDV	<LOQ	0.003	%	< 0.003		Acceptable			
CBE	<LOQ	0.003	%	< 0.003		Acceptable			
CBDA	<LOQ	0.003	%	< 0.003		Acceptable			
CBGA	<LOQ	0.003	%	< 0.003		Acceptable			
CBG	<LOQ	0.003	%	< 0.003		Acceptable			
CBD	<LOQ	0.003	%	< 0.003		Acceptable			
THCV	<LOQ	0.003	%	< 0.003		Acceptable			
d8THCV	<LOQ	0.003	%	< 0.003		Acceptable			
THCVA	<LOQ	0.003	%	< 0.003		Acceptable			
CBN	<LOQ	0.003	%	< 0.003		Acceptable			
exo-THC	<LOQ	0.003	%	< 0.003		Acceptable			
d9THC	<LOQ	0.003	%	< 0.003		Acceptable			
d8THC	<LOQ	0.003	%	< 0.003		Acceptable			
CBL	<LOQ	0.003	%	< 0.003		Acceptable			
d10THC	<LOQ	0.003	%	< 0.003		Acceptable			
CBC	<LOQ	0.003	%	< 0.003		Acceptable			
THCA	<LOQ	0.003	%	< 0.003		Acceptable			
CBCA	<LOQ	0.003	%	< 0.003		Acceptable			
CBLA	<LOQ	0.003	%	< 0.003		Acceptable			
CBT	<LOQ	0.003	%	< 0.003		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 1 Documen D 7148  
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Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2208570						
Sample Duplicate		Sample ID: 22-003818-0003						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	0.273	0.271	0.003	%	0.620	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0035	0.0035	0.003	%	1.43	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.290	0.289	0.003	%	0.481	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.0046	0.0047	0.003	%	2.06	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

**Abbreviations**

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

**Units of Measure:**



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



**Report Number:** 22-012040/D007.R000  
**Report Date:** 10/14/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/05/22 15:38

Rev s o 3 Docume D 3 20  
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Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID 2208602			
Method Bank	Laboratory Control Sample							
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS % Re	Limits	Notes
Abamectin	0.000	< 0.250		0.859	1.000	85.9	50.0 150	
Acephate	0.000	< 0.250		1.052	1.000	105.2	60.0 120	
Acetamiprid	0.000	< 1.000		4.204	4.000	105.1	40.0 160	
Aldicarb	0.000	< 0.200		0.386	0.400	96.4	60.0 120	
Azinphosmethyl	0.000	< 0.200		0.872	0.800	109.0	60.0 120	
Bifenthrin	0.000	< 0.100		0.365	0.400	91.2	60.0 120	
Bifenthrin	0.000	< 0.100		0.372	0.400	93.0	60.0 120	
Bifenthrin	0.000	< 0.100		0.434	0.400	108.4	50.0 150	
Boscalid	0.000	< 0.200		0.775	0.800	96.8	60.0 120	
Carbaryl	0.000	< 0.100		0.388	0.400	96.9	60.0 120	
Carbofuran	0.000	< 0.100		0.396	0.400	98.9	60.0 120	
Chlorantraniliprole	0.000	< 0.100		0.315	0.400	78.8	60.0 120	
Chlorfenapyr	0.000	< 0.500		1.712	2.000	85.6	60.0 120	
Chlorpyrifos	0.000	< 0.100		0.345	0.400	86.1	60.0 120	
Clofentazine	0.000	< 0.100		0.107	0.400	26.7	60.0 120	Q6
Cyfluthrin	0.000	< 0.500		2.197	2.000	109.9	50.0 150	
Cypermethrin	0.000	< 0.500		2.301	2.000	115.0	50.0 150	
Daminozide	0.000	< 0.500		0.733	2.000	36.6	60.0 120	Q6
Diazinon	0.000	< 0.100		0.373	0.400	93.2	60.0 120	
Dichlorvos	0.000	< 0.500		1.938	2.000	96.9	60.0 120	
Dimethoate	0.000	< 0.100		0.390	0.400	97.6	60.0 120	
Ethoprophos	0.000	< 0.100		0.404	0.400	101.0	60.0 120	
Etofenprox	0.000	< 0.200		0.834	0.800	104.2	50.0 150	
Etoxazole	0.000	< 0.100		0.439	0.400	109.6	60.0 120	
Fenoxycarb	0.000	< 0.100		0.364	0.400	91.0	60.0 120	
Fenpyroximate	0.000	< 0.200		0.781	0.800	97.6	60.0 120	
Fipronil	0.000	< 0.200		0.791	0.800	98.9	60.0 120	
Fonicamid	0.000	< 0.250		1.228	1.000	122.8	60.0 120	Q1
Fludioxonil	0.000	< 0.200		0.856	0.800	107.0	50.0 150	
Hexythiazox	0.000	< 0.250		0.987	1.000	98.7	60.0 120	
Imazalil	0.000	< 0.100		0.374	0.400	93.5	60.0 120	
Imidacloprid	0.000	< 0.200		0.801	0.800	100.1	60.0 120	
Kresoxim methyl	0.000	< 0.200		0.675	0.800	84.4	60.0 120	
Malathion	0.000	< 0.100		0.378	0.400	94.5	60.0 120	
Metaxalyl	0.000	< 0.100		0.397	0.400	99.2	60.0 120	
Methiocarb	0.000	< 0.100		0.377	0.400	94.2	60.0 120	
Methomyl	0.000	< 0.200		0.792	0.800	99.0	60.0 120	
MGK 264	0.000	< 0.100		0.421	0.400	105.4	50.0 150	
Myclobutanil	0.000	< 0.100		0.335	0.400	83.7	60.0 120	
Naled	0.000	< 0.250		0.875	1.000	87.5	50.0 150	
Oxamyl	0.000	< 0.500		1.885	2.000	94.3	60.0 120	
Pacllobutrazole	0.000	< 0.200		0.779	0.800	97.4	60.0 120	
Parathion Methyl	0.000	< 0.200		1.070	0.800	133.7	50.0 150	
Permethrin	0.000	< 0.100		0.460	0.400	114.9	50.0 150	
Phosmet	0.000	< 0.100		0.379	0.400	94.7	50.0 150	
Piperonyl butoxide	0.000	< 0.500		1.951	2.000	97.5	60.0 120	
Prallethrin	0.000	< 0.100		0.369	0.400	92.3	60.0 120	
Propiconazole	0.000	< 0.200		0.698	0.800	87.3	60.0 120	
Propoxur	0.000	< 0.100		0.412	0.400	103.1	60.0 120	
Pyrethrin (Summe)	0.000	< 0.100		0.398	0.413	96.5	60.0 120	
Pyridaben	0.000	< 0.100		0.397	0.400	99.2	50.0 150	
Spirosad	0.000	< 0.100		0.355	0.388	91.5	50.0 150	
Spiromesifen	0.000	< 0.100		0.374	0.400	93.6	60.0 120	
Spirotetramat	0.000	< 0.100		0.348	0.400	87.1	60.0 120	
Spiroxamine	0.000	< 0.200		0.729	0.800	91.1	60.0 120	
ebuconazole	0.000	< 0.200		0.723	0.800	90.4	60.0 120	
hiacloprid	0.000	< 0.100		0.380	0.400	95.1	60.0 120	
hiamethoxam	0.000	< 0.100		0.399	0.400	99.8	60.0 120	
rifloxystrobin	0.000	< 0.100		0.378	0.400	94.6	60.0 120	



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Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg					Batch ID 2208602				
Matrix Spke/Matrix Spke Duplicate Recoveries							Sample ID: 220121400001				
Analyte	Result	MS Res	MSD Res	Spike	RFD%	Limit	MS% Re	MSD % Re	Limits	Notes	
Abamectin	0.000	0.868	0.874	1.000	0.8%	< 30	86.8%	87.4%	50 150		
Acephate	0.066	1.332	1.435	1.000	7.9%	< 30	126.6%	136.9%	50 150		
Acetaminocyl	0.000	4.262	4.287	4.000	0.6%	< 30	106.5%	107.2%	50 150		
Acetamiprid	0.000	0.434	0.435	0.400	0.1%	< 30	108.5%	108.7%	50 150		
Aldicarb	0.000	1.160	1.143	0.800	1.5%	< 30	145.0%	142.8%	50 150		
Azoxystrobin	0.000	0.474	0.451	0.400	4.8%	< 30	118.4%	112.9%	50 150		
Bifenazate	0.000	0.416	0.425	0.400	2.1%	< 30	104.0%	106.2%	50 150		
Bifenthrin	0.000	0.432	0.432	0.400	0.1%	< 30	108.0%	107.9%	50 150		
Boscalid	0.000	0.839	0.892	0.800	6.2%	< 30	104.8%	111.5%	50 150		
Carbaryl	0.000	0.604	0.609	0.400	0.8%	< 30	151.1%	152.3%	50 150	Q	
Carbofuran	0.000	0.528	0.505	0.400	4.5%	< 30	132.1%	126.3%	50 150		
Chlorantraniliprole	0.000	0.385	0.388	0.400	0.8%	< 30	96.3%	97.1%	50 150		
Chlorfenapyr	0.000	2.216	2.172	2.000	2.0%	< 30	110.8%	108.6%	50 150		
Chlorpyrifos	0.008	0.400	0.399	0.400	0.5%	< 30	98.0%	97.5%	50 150		
Clofentezine	0.000	0.363	0.333	0.400	8.6%	< 30	90.8%	83.3%	50 150		
Cyfluthrin	0.000	2.174	2.252	2.000	3.6%	< 30	108.7%	112.6%	30 150		
Cypermethrin	0.000	2.284	2.313	2.000	1.3%	< 30	114.2%	115.7%	50 150		
Daminozide	0.000	1.517	1.574	2.000	3.7%	< 30	75.9%	78.7%	30 150		
Diazinon	0.000	0.448	0.464	0.400	3.5%	< 30	112.0%	116.0%	50 150		
Dichlorvos	0.000	2.399	2.394	2.000	0.2%	< 30	119.9%	119.7%	50 150		
Dimethoate	0.000	0.477	0.481	0.400	0.8%	< 30	119.4%	120.4%	50 150		
Ethoprophos	0.000	0.444	0.451	0.400	1.7%	< 30	111.0%	112.9%	50 150		
Etofenprox	0.000	0.943	0.937	0.800	0.6%	< 30	117.8%	117.2%	50 150		
Etoxazole	0.000	0.504	0.510	0.400	1.1%	< 30	126.0%	127.4%	50 150		
Fenoxycarb	0.000	0.491	0.494	0.400	0.5%	< 30	122.8%	123.4%	50 150		
Fenpyroximate	0.000	0.855	0.868	0.800	1.5%	< 30	106.8%	108.5%	50 150		
Fipronil	0.000	1.320	1.343	0.800	1.7%	< 30	165.0%	167.8%	50 150	Q	
Fonicamid	0.000	1.030	1.190	1.000	14.5%	< 30	103.0%	119.0%	50 150		
Fludioxonil	0.000	0.896	0.924	0.800	3.1%	< 30	112.0%	115.6%	50 150		
Hexythiazox	0.000	0.721	0.726	1.000	0.7%	< 30	72.1%	72.6%	50 150		
Imazalil	0.000	0.533	0.523	0.400	1.8%	< 30	133.2%	130.9%	50 150		
Imidacloprid	0.000	0.525	0.533	0.800	1.6%	< 30	65.6%	66.7%	50 150		
Kresoxim methyl	0.000	0.815	0.841	0.800	3.1%	< 30	101.9%	105.2%	50 150		
Malathion	0.000	0.419	0.428	0.400	2.1%	< 30	104.8%	107.0%	50 150		
Metaxalyl	0.000	0.472	0.474	0.400	0.4%	< 30	117.9%	118.5%	50 150		
Methiocarb	0.000	0.445	0.442	0.400	0.7%	< 30	111.2%	110.4%	50 150		
Methomyl	0.000	0.819	0.888	0.800	8.1%	< 30	102.3%	110.9%	50 150		
MGK 264	0.000	0.553	0.487	0.400	12.7%	< 30	138.2%	121.7%	50 150		
Myclobutanil	0.000	0.371	0.375	0.400	1.0%	< 30	92.8%	93.7%	50 150		
Naled	0.000	1.193	1.189	1.000	0.3%	< 30	119.3%	118.9%	50 150		
Oxamyl	0.000	1.911	2.102	2.000	9.5%	< 30	95.6%	105.1%	50 150		
Paclobotrazole	0.000	0.887	0.908	0.800	2.3%	< 30	110.9%	113.5%	50 150		
Parathion Methyl	0.000	1.615	1.412	0.800	13.4%	< 30	201.9%	176.5%	30 150	Q	
Permethrin	0.000	0.501	0.505	0.400	0.7%	< 30	125.4%	126.3%	50 150		
Phosmet	0.000	0.392	0.404	0.400	3.0%	< 30	97.9%	100.9%	50 150		
Piperonyl butoxide	0.000	2.412	2.345	2.000	2.8%	< 30	120.6%	117.3%	50 150		
Prallethrin	0.000	0.428	0.414	0.400	3.4%	< 30	107.0%	103.4%	50 150		
Propiconazole	0.000	0.848	0.856	0.800	1.0%	< 30	106.0%	107.1%	50 150		
Propoxur	0.000	0.524	0.536	0.400	2.1%	< 30	131.1%	133.9%	50 150		
Pyrethrin (Summe)	0.003	0.450	0.449	0.413	0.2%	< 30	108.2%	108.0%	50 150		
Pyridaben	0.000	0.472	0.474	0.400	0.5%	< 30	118.0%	118.5%	50 150		
Spirosad	0.000	0.449	0.444	0.388	1.1%	< 30	115.7%	114.4%	50 150		
Spiromesifen	0.000	0.460	0.453	0.400	1.6%	< 30	115.0%	113.1%	50 150		
Spirotetramat	0.000	0.359	0.375	0.400	4.4%	< 30	89.8%	93.9%	50 150		
Spiroxamine	0.000	0.927	0.945	0.800	2.0%	< 30	115.8%	118.2%	50 150		
ebuconazole	0.000	0.847	0.847	0.800	0.0%	< 30	105.9%	105.8%	50 150		
hiacloprid	0.000	0.535	0.531	0.400	0.7%	< 30	133.7%	132.8%	50 150		
hiamethoxam	0.024	0.335	0.368	0.400	10.3%	< 30	77.8%	86.2%	50 150		
rifloxystrobin	0.000	0.453	0.434	0.400	4.4%	< 30	113.4%	108.4%	50 150		


 Revision 2 Document D 7087  
 Legacy D CFL-E33Effective

## Laboratory Quality Control Results

Residual Solvents				Batch D: 2208606					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		485	572	µg/g	84.8	60 - 120	
Isobutane	ND	< 200		576	731	µg/g	78.8	60 - 120	
Butane	ND	< 200		566	731	µg/g	77.4	60 - 120	
2,2-Dimethylpropane	ND	< 200		861	936	µg/g	92.0	60 - 120	
Methanol	ND	< 200		1620	1650	µg/g	98.2	60 - 120	
Ethylene Oxide	ND	< 30		50.9	56.2	µg/g	90.6	60 - 120	
2-Methylbutane	ND	< 200		1580	1650	µg/g	95.8	60 - 120	
Pentane	ND	< 200		1540	1650	µg/g	93.3	60 - 120	
Ethanol	ND	< 200		1540	1660	µg/g	92.8	70 - 130	
Ethyl Ether	ND	< 200		1450	1630	µg/g	89.0	60 - 120	
2,2-Dimethylbutane	ND	< 30		171	189	µg/g	90.5	60 - 120	
Acetone	ND	< 200		1580	1650	µg/g	95.8	60 - 120	
2-Propanol	ND	< 200		1580	1650	µg/g	95.8	60 - 120	
Ethyl Formate	ND	< 500		1290	1610	µg/g	80.1	70 - 130	
Acetonitrile	ND	< 100		446	504	µg/g	88.5	60 - 120	
Methyl Acetate	ND	< 500		1590	1630	µg/g	97.5	70 - 130	
2,3-Dimethylbutane	ND	< 30		162	174	µg/g	93.1	60 - 120	
Dichloromethane	ND	< 60		432	521	µg/g	82.9	60 - 120	
2-Methylpentane	ND	< 30		158	187	µg/g	84.5	60 - 120	
MTBE	ND	< 500		1460	1600	µg/g	91.3	70 - 130	
3-Methylpentane	ND	< 30		167	188	µg/g	88.8	60 - 120	
Hexane	ND	< 30		160	182	µg/g	87.9	60 - 120	
1-Propanol	ND	< 500		1490	1610	µg/g	92.5	70 - 130	
Methyl ethyl ketone	ND	< 500		1510	1600	µg/g	94.4	70 - 130	
Ethyl acetate	ND	< 200		1430	1630	µg/g	87.7	60 - 120	
2-Butanol	ND	< 200		1450	1630	µg/g	89.0	60 - 120	
Tetrahydrofuran	ND	< 100		420	506	µg/g	83.0	60 - 120	
Cyclohexane	ND	< 200		1380	1640	µg/g	84.1	60 - 120	
2-methyl-1-propanol	ND	< 500		1360	1620	µg/g	84.0	70 - 130	
Benzene	ND	< 1		3.9	4.93	µg/g	79.1	60 - 120	
Isopropyl Acetate	ND	< 200		1460	1640	µg/g	89.0	60 - 120	
Heptane	ND	< 200		1400	1630	µg/g	85.9	60 - 120	
1-Butanol	ND	< 500		1400	1600	µg/g	87.5	70 - 130	
Propyl Acetate	ND	< 500		1460	1620	µg/g	90.1	70 - 130	
1,4-Dioxane	ND	< 100		391	493	µg/g	79.3	60 - 120	
2-Ethoxyethanol	ND	< 30		151	171	µg/g	88.3	60 - 120	
Methylisobutylketone	ND	< 500		1410	1620	µg/g	87.0	70 - 130	
3-Methyl-1-butanol	ND	< 500		1400	1610	µg/g	87.0	70 - 130	
Ethylene Glycol	ND	< 200		380	494	µg/g	76.9	60 - 120	
Toluene	ND	< 100		378	506	µg/g	74.7	60 - 120	
Isobutyl Acetate	ND	< 500		1450	1620	µg/g	89.5	70 - 130	
1-Pentanol	ND	< 500		1420	1610	µg/g	88.2	70 - 130	
Butyl Acetate	ND	< 500		1430	1610	µg/g	88.8	70 - 130	
Ethylbenzene	ND	< 200		728	998	µg/g	73.1	60 - 120	
m,p-Xylene	ND	< 200		737	1010	µg/g	73.0	60 - 120	
o-Xylene	ND	< 200		709	979	µg/g	72.4	60 - 120	
Cumene	ND	< 30		133	188	µg/g	70.7	60 - 120	
Anisole	ND	< 500		1080	1610	µg/g	67.1	70 - 130	Q6
DMSO	ND	< 500		1070	1600	µg/g	66.9	70 - 130	Q6
1,2-dimethoxyethane	ND	< 50		173	190	µg/g	91.1	70 - 130	
Triethylamine	ND	< 500		1400	1610	µg/g	87.0	70 - 130	
N,N-dimethylformamide	ND	< 150		388	496	µg/g	78.2	70 - 130	
N,N-dimethylacetamide	ND	< 150		364	483	µg/g	75.4	70 - 130	
Pyridine	ND	< 50		126	167	µg/g	75.4	70 - 130	
1,2-Dichloroethane	ND	< 1		1.2	1	µg/g	120.0	70 - 130	
Chloroform	ND	< 1		1.16	1	µg/g	116.0	70 - 130	
Trichloroethylene	ND	< 1		1.16	1	µg/g	116.0	70 - 130	
1,1-Dichloroethane	ND	< 1		1.18	1	µg/g	118.0	70 - 130	



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Revision 2 Document D 7087  
 Legacy D CFL-E33Effective

QC- Sample Duplicate Sample ID: 22-011454-0004

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	689	698	200 µg/g	1.3	< 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	
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  
 Q6- Quality control outside QC limits. Data acceptable based on remaining QC.

**Units of Measure:**

µg/g- Microgram per gram or ppm



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**Report Number:** 22-012040/D007.R000  
**Report Date:** 10/14/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/05/22 15:38





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.