

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b> SLZ.D9.CH5.6PK	<b>BATCH #</b> EG59X	<b>LOQ:</b> Limit Of Quantitation	
<b>PRODUCT NAME</b> Wild Cherry THC Seltzer	<b>SERVING SIZE</b> 1/3 can (118 mL)	<b>LOD:</b> Limit Of Detection	
<b>LABORATORY:</b> Columbia Laboratories	<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)	3.58 mg/serving	0.03 mg/g	0.00 %
Total THC (d9-THC, THCA)	1.82 mg/serving	0.02 mg/g	0.00 %
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)	1.82 mg/serving	0.02 mg/g	0.00 %
Delta-8-THC (d8-THC)	0.49 mg/serving	0.00 mg/g	0.00 %

  

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	0.45 µg/serving	0.00 µg/g	10 µg/day <sup>[1]</sup>
Cadmium	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day <sup>[1]</sup>
Lead	1.52 µg/serving	0.01 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 µg/g	50,000 mg/day
Heptane	<LOQ 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.  
 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:** 22-012718/D009.R000  
**Report Date:** 10/26/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/19/22 15:50

**Customer:** Etz Hayim Holdings  
**Product identity:** CYCL-SLZ.D9.CH5.6PK-EG59X  
**Client/Metric ID:** .  
**Laboratory ID:** 22-012718-0013

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	0.0303		mg/1g		CBD-Total per Serving Size 0.0303 mg/1g
Δ8-THC per 1g	0.00414		mg/1g		
Δ9-THC per 1g	0.0154		mg/1g		THC-Total per Serving Size 0.0154 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:**

Analyte	Result	Units	Limit	Status	Analyte	Result	Units	Limit	Status
Lead	0.0129	mg/kg	0.500	pass	Arsenic	0.00384	mg/kg	0.200	pass

**Microbiology:**

*Less than LOQ for all analytes.*



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**Purchase Order:**  
**Received:** 10/19/22 15:50

**Customer:** Etz Hayim Holdings  
 16427 NE Airport Way  
 PORTLAND 97230  
 United States of America (USA)  
**Product identity:** CYCL-SLZ.D9.CH5.6PK-EG59X  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-012718-0013  
**Evidence of Cooling:** No  
**Temp:** 22.1 °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: 2209109		Analyze: 10/24/22 6:43:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 1g	< LOQ		mg/1g	0.000992		
CBC-A per 1g	< LOQ		mg/1g	0.000992		
CBC-Total per 1g	< LOQ		mg/1g	0.00186		
CBD per 1g	0.0303		mg/1g	0.000992		
CBD-A per 1g	< LOQ		mg/1g	0.000992		
CBD-Total per 1g	0.0303		mg/1g	0.00186		
CBDV per 1g	< LOQ		mg/1g	0.000992		
CBDV-A per 1g	< LOQ		mg/1g	0.000992		
CBDV-Total per 1g	< LOQ		mg/1g	0.00185		
CBE per 1g	< LOQ		mg/1g	0.000992		
CBG per 1g	< LOQ		mg/1g	0.000992		
CBG-A per 1g	< LOQ		mg/1g	0.000992		
CBG-Total per 1g	< LOQ		mg/1g	0.00185		
CBL per 1g	< LOQ		mg/1g	0.000992		
CBL-A per 1g	< LOQ		mg/1g	0.000992		
CBL-Total per 1g	< LOQ		mg/1g	0.00186		
CBN per 1g	< LOQ		mg/1g	0.000992		
CBT per 1g	< LOQ		mg/1g	0.000992		
Δ8-THCV per 1g	< LOQ		mg/1g	0.000992		
Δ10-THC per 1g	< LOQ		mg/1g	0.000992		
Δ8-THC per 1g	0.00414		mg/1g	0.000992		
Δ9-THC per 1g	0.0154		mg/1g	0.000992		
exo-THC per 1g	< LOQ		mg/1g	0.000992		
THC-A per 1g	< LOQ		mg/1g	0.000992		
THC-Total per 1g	0.0154		mg/1g	0.00186		
THCV per 1g	< LOQ		mg/1g	0.000992		
THCV-A per 1g	< LOQ		mg/1g	0.000992		
THCV-Total per 1g	< LOQ		mg/1g	0.00186		
Total Cannabinoids per 1g	0.0501		mg/1g			



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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2208992	10/23/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2208992	10/23/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2208994	10/24/22 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2208994	10/24/22 AOAC 2014.05 (RAPID) <sup>P</sup>		

**Solvents** Method: Residual Solvents by GC/MS<sup>b</sup> Units µg/g Batch 2209122 Analyze 10/25/22 11:33 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 2209113 Analyze 10/25/22 09:39 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	0.00384	0.200	mg/kg	0.00373	2209063	10/21/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Cadmium	< LOQ	0.200	mg/kg	0.00373	2209063	10/21/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Lead	0.0129	0.500	mg/kg	0.00373	2209063	10/21/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Mercury	< LOQ	0.100	mg/kg	0.00187	2209063	10/21/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			



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**Purchase Order:**  
**Received:** 10/19/22 15:50

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



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

**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
CYCL-SLZ.D9.GF5.6PK-EH37Z		X	X	X				X	X	X				Beverage		mg/g	Parallel path (all)
CYCL-SLZ.D9.CH5.8PK-EG91C		X	X	X				X	X	X				"	"	"	LazNat discount
CYCL-SLZ.D9.CH5.6PK-EH19Z		X	X	X				X	X	X				"	"	"	
CYCL-SLZ.D9.CH5.8PK-EG90X		X	X	X				X	X	X				"	"	"	
CYCL-SLZ.D9.BC5.6PK-EH32Z		X	X	X				X	X	X				"	"	"	
CYCL-SLZ.D9.CH5.6PK-EI22Z		X	X	X				X	X	X				"	"	"	
CYCL-SLZ.D9.GF5.6PK-EH36Z		X	X	X				X	X	X				"	"	"	

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<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: 27.1
							Shipped Via: client
							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

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

**Cannabis Chain of Custody Record**

ORELAP ID: OR100028

Company: ETZHH INC		Analysis Requested											Purchase Order Number:						
Contact: Ellie Dickey		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		
Address: 16427 NE Airport Way																		Project Number:	
Email: testing@lazarusnaturals.com																		Project Name:	
Phone: 360-921-4247 Fax:																		<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	
Processor's License:																		Other:	
Field ID	Date/Time Collected																		
CYCL-SLZ.D9.CH5.6PK-EH20C		X	X	X					X	X	X			Beverage		mg/g	Parallel path (all)		
CYCL-SLZ.D9.GF5.6PK-EJ04Z		X	X	X					X	X	X			"		"	LazNat discount		
CYCL-SLZ.D9.GF5.6PK-EH39X		X	X	X					X	X	X			"		"			
CYCL-SLZ.D9.BC5.6PK-EH33V		X	X	X					X	X	X			"		"			
CYCL-SLZ.D9.GF5.6PK-EI05Z		X	X	X					X	X	X			"		"			
CYCL-SLZ.D9.CH5.6PK-EG59X		X	X	X					X	X	X			"		"			

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)	Ellie Dickey	10/19/22		Jmw	10/19/22	15:50	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: 22.1
							Shipped Via: client
							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

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2209109

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0009	0.001	%	91.1	80.0	- 120	Acceptable	
CBDV	2	0.0011	0.001	%	97.5	80.0	- 120	Acceptable	
CBE	2	0.0010	0.001	%	95.4	80.0	- 120	Acceptable	
CBDA	1	0.0010	0.001	%	96.0	90.0	- 110	Acceptable	
CBGA	1	0.0010	0.001	%	96.2	80.0	- 120	Acceptable	
CBG	1	0.0010	0.001	%	99.6	80.0	- 120	Acceptable	
CBD	1	0.0010	0.001	%	101	90.0	- 110	Acceptable	
THCV	2	0.0010	0.001	%	96.2	80.0	- 120	Acceptable	
d8THCV	2	0.0010	0.001	%	96.6	80.0	- 120	Acceptable	
THCVA	2	0.0009	0.001	%	90.1	80.0	- 120	Acceptable	
CBN	1	0.0010	0.001	%	101	90.0	- 110	Acceptable	
exo-THC	2	0.0010	0.001	%	94.2	80.0	- 120	Acceptable	
d9THC	1	0.0010	0.001	%	100	90.0	- 110	Acceptable	
d8THC	1	0.0010	0.001	%	99.9	90.0	- 110	Acceptable	
CBL	2	0.0010	0.001	%	102	80.0	- 120	Acceptable	
d10THC	1	0.0010	0.001	%	100	80.0	- 120	Acceptable	
CB	2	0.0010	0.001	%	96.9	80.0	- 120	Acceptable	
THCA	1	0.0010	0.001	%	96.3	90.0	- 110	Acceptable	
CBCA	2	0.0009	0.001	%	90.7	80.0	- 120	Acceptable	
CBLA	2	0.0010	0.001	%	93.2	80.0	- 120	Acceptable	
CBT	2	0.0010	0.001	%	96.4	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBDV	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBE	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBDA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBGA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBG	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBD	<LOQ	0.0001	%	< 0.0001	Acceptable	
THCV	<LOQ	0.0001	%	< 0.0001	Acceptable	
d8THCV	<LOQ	0.0001	%	< 0.0001	Acceptable	
THCVA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBN	<LOQ	0.0001	%	< 0.0001	Acceptable	
exo-THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
d9THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
d8THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBL	<LOQ	0.0001	%	< 0.0001	Acceptable	
d10THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
CB	<LOQ	0.0001	%	< 0.0001	Acceptable	
THCA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBCA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBLA	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBT	<LOQ	0.0001	%	< 0.0001	Acceptable	

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

**Units of Measure:**  
% - Percent



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



**Report Number:** 22-012718/D009.R000  
**Report Date:** 10/26/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/19/22 15:50

Revision 1 Document D 7148  
 Legacy D Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2209109						
Sample Duplicate		Sample ID: 22-012718-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	0.00363	0.00364	0.0001	%	0.515	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THC	0.00189	0.00191	0.0001	%	0.942	< 20	Acceptable	
d8THC	0.000535	0.000536	0.0001	%	0.258	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	

**Abbreviations**

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

**Units of Measure:**



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**Laboratory Pesticide Quality Control Results**

AOAC 2007.1 & EN 15662		Units: mg/Kg		Batch ID: 2209113				
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		1.075	1.000	107.5	50.0	150
Acephate	0.000	< 0.250		0.985	1.000	98.5	60.0	120
Acequinocyl	0.000	< 1.000		4.235	4.000	105.9	40.0	160
Acetamiprid	0.000	< 0.100		0.388	0.400	97.1	60.0	120
Aldicarb	0.000	< 0.200		0.792	0.800	99.0	60.0	120
Azoxystrobin	0.000	< 0.100		0.349	0.400	87.4	60.0	120
Bifenazate	0.000	< 0.100		0.393	0.400	98.1	60.0	120
Bifenthrin	0.000	< 0.100		0.431	0.400	107.8	50.0	150
Boscalid	0.000	< 0.200		0.840	0.800	105.0	60.0	120
Carbaryl	0.000	< 0.100		0.374	0.400	93.6	60.0	120
Carbofuran	0.000	< 0.100		0.374	0.400	93.4	60.0	120
Chlorantraniliprole	0.000	< 0.100		0.396	0.400	99.0	60.0	120
Chlorfenapyr	0.000	< 0.500		2.103	2.000	105.1	60.0	120
Chlorpyrifos	0.000	< 0.100		0.381	0.400	95.3	60.0	120
Clofentazine	0.000	< 0.100		0.188	0.400	46.9	60.0	120
Cyfluthrin	0.000	< 0.500		2.529	2.000	126.4	50.0	150
Cypermethrin	0.000	< 0.500		2.571	2.000	128.5	50.0	150
Daminozide	0.000	< 0.500		0.746	2.000	37.3	60.0	120
Diazinon	0.000	< 0.100		0.384	0.400	95.9	60.0	120
Dichlorvos	0.064	< 0.500		1.904	2.000	95.2	60.0	120
Dimethoate	0.000	< 0.100		0.404	0.400	101.0	60.0	120
Ethoprophos	0.000	< 0.100		0.391	0.400	97.7	60.0	120
Etofenprox	0.000	< 0.200		0.712	0.800	89.1	50.0	150
Etoxazole	0.000	< 0.100		0.377	0.400	94.1	60.0	120
Fenoxycarb	0.000	< 0.100		0.395	0.400	98.8	60.0	120
Fenpyroximate	0.000	< 0.200		0.935	0.800	116.8	60.0	120
Fipronil	0.000	< 0.200		0.840	0.800	105.0	60.0	120
Fonicamid	0.000	< 0.250		1.153	1.000	115.3	60.0	120
Fludioxonil	0.000	< 0.200		0.768	0.800	96.0	50.0	150
Hexythiazox	0.000	< 0.250		0.952	1.000	95.2	60.0	120
Imazalil	0.000	< 0.100		0.363	0.400	90.8	60.0	120
Imidacloprid	0.000	< 0.200		0.814	0.800	101.8	60.0	120
Kresoxim methyl	0.000	< 0.200		0.752	0.800	94.0	60.0	120
Malathion	0.000	< 0.100		0.371	0.400	92.7	60.0	120
Metaxalyl	0.000	< 0.100		0.394	0.400	98.6	60.0	120
Methiocarb	0.000	< 0.100		0.398	0.400	99.6	60.0	120
Methomyl	0.000	< 0.200		0.880	0.800	109.9	60.0	120
MGK 264	0.000	< 0.100		0.397	0.400	99.3	50.0	150
Myclobutanil	0.000	< 0.100		0.389	0.400	97.3	60.0	120
Naled	0.000	< 0.250		0.855	1.000	85.5	50.0	150
Oxamyl	0.000	< 0.500		2.137	2.000	106.9	60.0	120
Pacllobutrazole	0.000	< 0.200		0.865	0.800	108.1	60.0	120
Parathion Methyl	0.000	< 0.200		0.807	0.800	100.8	50.0	150
Permethrin	0.000	< 0.100		0.462	0.400	115.5	50.0	150
Phosmet	0.000	< 0.100		0.410	0.400	102.4	50.0	150
Piperonyl butoxide	0.000	< 0.500		1.826	2.000	91.3	60.0	120
Prallethrin	0.000	< 0.100		0.418	0.400	104.4	60.0	120
Propiconazole	0.000	< 0.200		0.877	0.800	109.7	60.0	120
Propoxur	0.000	< 0.100		0.378	0.400	94.4	60.0	120
Pyrethrin (Summe)	0.000	< 0.100		0.447	0.413	108.2	60.0	120
Pyridaben	0.000	< 0.100		0.382	0.400	95.6	50.0	150
Spirosad	0.000	< 0.100		0.353	0.388	91.1	50.0	150
Spiromesifen	0.000	< 0.100		0.371	0.400	92.7	60.0	120
Spirotetramat	0.000	< 0.100		0.418	0.400	104.5	60.0	120
Spiroxamine	0.000	< 0.200		0.745	0.800	93.1	60.0	120
ebuconazole	0.000	< 0.200		0.924	0.800	115.5	60.0	120
hiacloprid	0.000	< 0.100		0.375	0.400	93.7	60.0	120
hiamethoxam	0.000	< 0.100		0.449	0.400	112.1	60.0	120
rifloxystrobin	0.000	< 0.100		0.358	0.400	89.6	60.0	120



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Purchase Order:  
Received: 10/19/22 15:50

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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg					Batch ID: 2209113				
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 22-012718-0008									
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Abamectin	0.000	1.133	1.174	1.000	3.6%	< 30	113.3%	117.4%	50 150		
Acephate	0.000	1.277	1.260	1.000	1.3%	< 30	127.7%	126.0%	50 150		
Acetaminocyl	0.000	5.015	5.064	4.000	1.0%	< 30	125.4%	126.6%	50 150		
Acetamidprid	0.000	0.507	0.500	0.400	1.3%	< 30	126.7%	125.0%	50 150		
Aldicarb	0.000	1.038	1.036	0.800	0.1%	< 30	129.7%	129.6%	50 150		
Azoxystrobin	0.000	0.434	0.431	0.400	0.6%	< 30	108.5%	107.9%	50 150		
Bifenazate	0.000	0.429	0.421	0.400	1.8%	< 30	107.3%	105.3%	50 150		
Bifenthrin	0.000	0.507	0.502	0.400	1.0%	< 30	126.7%	125.5%	50 150		
Boscalid	0.000	0.846	0.877	0.800	3.6%	< 30	105.7%	109.7%	50 150		
Carbaryl	0.000	0.505	0.490	0.400	2.9%	< 30	126.2%	122.6%	50 150		
Carbofuran	0.000	0.544	0.535	0.400	1.7%	< 30	136.1%	133.9%	50 150		
Chlorantraniliprole	0.000	0.446	0.434	0.400	2.8%	< 30	111.5%	108.5%	50 150		
Chlorfenapyr	0.000	2.436	2.267	2.000	7.2%	< 30	121.8%	113.3%	50 150		
Chlorpyrifos	0.000	0.401	0.383	0.400	4.6%	< 30	100.4%	95.9%	50 150		
Clofentezine	0.000	0.115	0.115	0.400	0.0%	< 30	28.9%	28.9%	50 150	Q	
Cyfluthrin	0.000	2.369	2.471	2.000	4.2%	< 30	118.5%	123.5%	30 150		
Cypermethrin	0.000	2.414	2.400	2.000	0.6%	< 30	120.7%	120.0%	50 150		
Daminozide	0.000	1.602	1.589	2.000	0.8%	< 30	80.1%	79.4%	30 150		
Diazinon	0.000	0.410	0.388	0.400	5.4%	< 30	102.4%	97.0%	50 150		
Dichlorvos	0.000	2.358	2.305	2.000	2.3%	< 30	117.9%	115.3%	50 150		
Dimethoate	0.000	0.469	0.469	0.400	0.0%	< 30	117.3%	117.3%	50 150		
Ethoprophos	0.000	0.402	0.411	0.400	2.2%	< 30	100.4%	102.7%	50 150		
Etofenprox	0.000	0.891	0.870	0.800	2.4%	< 30	111.4%	108.7%	50 150		
Etoxazole	0.000	0.417	0.410	0.400	1.6%	< 30	104.2%	102.5%	50 150		
Fenoxycarb	0.000	0.439	0.429	0.400	2.3%	< 30	109.9%	107.4%	50 150		
Fenpyroximate	0.000	1.072	1.082	0.800	1.0%	< 30	134.0%	135.3%	50 150		
Fipronil	0.000	1.129	1.137	0.800	0.7%	< 30	141.1%	142.1%	50 150		
Flonicamid	0.000	1.025	0.993	1.000	3.2%	< 30	102.5%	99.3%	50 150		
Fludioxonil	0.000	0.703	0.700	0.800	0.5%	< 30	87.9%	87.4%	50 150		
Hexythiazox	0.000	1.157	1.145	1.000	1.1%	< 30	115.7%	114.5%	50 150		
Imazalil	0.000	0.448	0.441	0.400	1.7%	< 30	112.1%	110.1%	50 150		
Imidacloprid	0.000	0.642	0.638	0.800	0.7%	< 30	80.2%	79.7%	50 150		
Kresoxim methyl	0.000	0.859	0.846	0.800	1.5%	< 30	107.3%	105.8%	50 150		
Malathion	0.000	0.439	0.429	0.400	2.2%	< 30	109.7%	107.3%	50 150		
Metaxalyl	0.000	0.459	0.464	0.400	1.1%	< 30	114.7%	116.0%	50 150		
Methiocarb	0.000	0.447	0.441	0.400	1.3%	< 30	111.7%	110.2%	50 150		
Methomyl	0.000	0.902	0.887	0.800	1.8%	< 30	112.8%	110.8%	50 150		
MGK 264	0.000	0.451	0.444	0.400	1.6%	< 30	112.9%	111.1%	50 150		
Myclobutanil	0.000	0.430	0.434	0.400	1.0%	< 30	107.5%	108.6%	50 150		
Naled	0.000	1.182	1.177	1.000	0.4%	< 30	118.2%	117.7%	50 150		
Oxamyl	0.000	2.366	2.225	2.000	6.2%	< 30	118.3%	111.2%	50 150		
Paclobutrazole	0.000	1.155	1.148	0.800	0.6%	< 30	144.3%	143.5%	50 150		
Parathion Methyl	0.000	1.123	1.099	0.800	2.1%	< 30	140.3%	137.4%	30 150		
Permethrin	0.000	0.473	0.476	0.400	0.6%	< 30	118.2%	118.9%	50 150		
Phosmet	0.000	0.443	0.456	0.400	3.0%	< 30	110.8%	114.1%	50 150		
Piperonyl butoxide	0.000	2.102	2.114	2.000	0.6%	< 30	105.1%	105.7%	50 150		
Prallethrin	0.000	0.452	0.448	0.400	0.7%	< 30	112.9%	112.1%	50 150		
Propiconazole	0.000	1.094	1.097	0.800	0.3%	< 30	136.7%	137.1%	50 150		
Propoxur	0.000	0.538	0.534	0.400	0.6%	< 30	134.4%	133.5%	50 150		
Pyrethrin (Summe)	0.000	0.484	0.479	0.413	1.0%	< 30	117.2%	116.0%	50 150		
Pyridaben	0.000	0.459	0.447	0.400	2.5%	< 30	114.7%	111.9%	50 150		
Spinosad	0.000	0.419	0.417	0.388	0.4%	< 30	107.9%	107.6%	50 150		
Spiromesifen	0.000	0.420	0.417	0.400	0.8%	< 30	105.0%	104.2%	50 150		
Spirotetramat	0.000	0.453	0.445	0.400	1.9%	< 30	113.3%	111.2%	50 150		
Spiroxamine	0.000	0.843	0.821	0.800	2.6%	< 30	105.3%	102.6%	50 150		
ebuconazole	0.000	1.174	1.150	0.800	2.1%	< 30	146.8%	143.8%	50 150		
hiacloprid	0.000	0.502	0.495	0.400	1.3%	< 30	125.4%	123.8%	50 150		
hiamethoxam	0.000	0.398	0.406	0.400	2.1%	< 30	99.5%	101.5%	50 150		
rifloxystrobin	0.000	0.420	0.414	0.400	1.3%	< 30	104.9%	103.5%	50 150		



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Revision 2 Document D 7087  
 Legacy D CFL-E33Effective

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2209122					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		599	572	µg/g	104.7	60	120
Isobutane	ND	< 200		797	731	µg/g	109.0	60	120
Butane	ND	< 200		782	731	µg/g	107.0	60	120
2,2 Dimethylpropane	ND	< 200		1130	936	µg/g	120.7	60	120 Q1
Methanol	ND	< 200		2030	1650	µg/g	123.0	60	120 Q1
Ethylene Oxide	ND	< 30		59.9	56.2	µg/g	106.6	60	120
2 Methylbutane	ND	< 200		1910	1650	µg/g	115.8	60	120
Pentane	ND	< 200		1930	1650	µg/g	117.0	60	120
Ethanol	ND	< 200		1920	1660	µg/g	115.7	70	130
Ethyl Ether	ND	< 200		1900	1630	µg/g	116.6	60	120
2,2 Dimethylbutane	ND	< 30		213	189	µg/g	112.7	60	120
Acetone	ND	< 200		1940	1650	µg/g	117.6	60	120
2 Propanol	ND	< 200		1910	1650	µg/g	115.8	60	120
Ethyl Formate	ND	< 500		1500	1610	µg/g	93.2	70	130
Acetonitrile	ND	< 100		602	504	µg/g	119.4	60	120
Methyl Acetate	ND	< 500		1650	1630	µg/g	101.2	70	130
2,3 Dimethylbutane	ND	< 30		189	174	µg/g	108.6	60	120
Dichloromethane	ND	< 60		562	521	µg/g	107.9	60	120
2 Methylpentane	ND	< 30		200	187	µg/g	107.0	60	120
M BE	ND	< 500		1620	1600	µg/g	101.3	70	130
3 Methylpentane	ND	< 30		207	188	µg/g	110.1	60	120
Hexane	ND	< 30		209	182	µg/g	114.8	60	120
1 Propanol	ND	< 500		1580	1610	µg/g	98.1	70	130
Methylethylketone	ND	< 500		1590	1600	µg/g	99.4	70	130
Ethyl acetate	ND	< 200		1870	1630	µg/g	114.7	60	120
2 Butanol	ND	< 200		1840	1630	µg/g	112.9	60	120
tetrahydrofuran	ND	< 100		534	506	µg/g	105.5	60	120
Cyclohexane	ND	< 200		1710	1640	µg/g	104.3	60	120
2 methyl 1 propanol	ND	< 500		1500	1620	µg/g	92.6	70	130
Benzene	ND	< 1		4.88	4.93	µg/g	99.0	60	120
Isopropyl Acetate	ND	< 200		1800	1640	µg/g	109.8	60	120
Heptane	ND	< 200		1620	1630	µg/g	99.4	60	120
1 Butanol	ND	< 500		1450	1600	µg/g	90.6	70	130
Propyl Acetate	ND	< 500		1500	1620	µg/g	92.6	70	130
1,4 Dioxane	ND	< 100		483	493	µg/g	98.0	60	120
2 Ethoxyethanol	ND	< 30		173	171	µg/g	101.2	60	120
Methylisobutylketone	ND	< 500		1420	1620	µg/g	87.7	70	130
3 Methyl 1 butanol	ND	< 500		1380	1610	µg/g	85.7	70	130
Ethylene Glycol	ND	< 200		410	494	µg/g	83.0	60	120
oluene	ND	< 100		462	506	µg/g	91.3	60	120
Isobutyl Acetate	ND	< 500		1410	1620	µg/g	87.0	70	130
1 Pentanol	ND	< 500		1330	1610	µg/g	82.6	70	130
Butyl Acetate	ND	< 500		1350	1610	µg/g	83.9	70	130
Ethylbenzene	ND	< 200		846	996	µg/g	84.9	60	120
m,p Xylene	ND	< 200		843	1010	µg/g	83.5	60	120
o Xylene	ND	< 200		781	979	µg/g	79.8	60	120
Cumene	ND	< 30		146	188	µg/g	77.7	60	120
Anisole	ND	< 500		1190	1610	µg/g	73.9	70	130
DMSO	ND	< 500		1190	1600	µg/g	74.4	70	130
1,2 dimethoxyethane	ND	< 50		179	190	µg/g	94.2	70	130
riethylamine	ND	< 500		1470	1610	µg/g	91.3	70	130
N,N dimethylformamide	ND	< 150		392	496	µg/g	79.0	70	130
N,N dimethylacetamide	ND	< 150		370	483	µg/g	76.6	70	130
Pyridine	ND	< 50		138	167	µg/g	82.6	70	130
Sulfolane	ND	< 50		105	161	µg/g	65.2	70	130 Q6
1,2 Dichloroethane	ND	< 1		0.992	1	µg/g	99.2	70	130
Chloroform	ND	< 1		1	1	µg/g	100.0	70	130
richloroethylene	ND	< 1		0.982	1	µg/g	98.2	70	130
1,1 Dichloroethane	ND	< 1		1.04	1	µg/g	104.0	70	130



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Revision 2 Document D 7087  
Legacy D CFL-E33Effective

QC - Sample Duplicate Sample ID: 22-012567-0001

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	
M BE	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	
Methyl ethyl ketone	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	
oluene	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	
richloroethylene	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
- Q1 Quality control result biased high. On y non detect samples reported.
- 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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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.