

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

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



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

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



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



**Report Number:** 23-006968/D007.R000  
**Report Date:** 06/19/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/12/23 16:32

**Customer:** Etz Hayim Holdings  
**Product identity:** CYCL.SLZ.D9.BC5.6PK-FD14Z  
**Client/Metric ID:** .  
**Laboratory ID:** 23-006968-0003

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	0.0296		mg/1g		CBD-Total per Serving Size 0.0296 mg/1g
Δ8-THC per 1g	0.00335		mg/1g		
Δ9-THC per 1g	0.0153		mg/1g		THC-Total per Serving Size 0.0153 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:**

Analyte	Result	Units
Aerobic Plate Count	50	cfu/g



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**Purchase Order:**  
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**Customer:** Etz Hayim Holdings  
 16427 NE Airport Way  
 PORTLAND 97230  
 United States of America (USA)  
**Product identity:** CYCL.SLZ.D9.BC5.6PK-FD14Z  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 23-006968-0003  
**Evidence of Cooling:** No  
**Temp:** 24.2  
**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: 2308196	Analyze: 6/14/23 1:20:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	< LOQ		mg/1g	0.000979	
CBC-A per 1g	< LOQ		mg/1g	0.000979	
CBC-Total per 1g	< LOQ		mg/1g	0.00184	
CBD per 1g	0.0296		mg/1g	0.000979	
CBD-A per 1g	< LOQ		mg/1g	0.000979	
CBD-Total per 1g	0.0296		mg/1g	0.00184	
CBDV per 1g	< LOQ		mg/1g	0.000979	
CBDV-A per 1g	< LOQ		mg/1g	0.000979	
CBDV-Total per 1g	< LOQ		mg/1g	0.00183	
CBE per 1g	< LOQ		mg/1g	0.000979	
CBG per 1g	< LOQ		mg/1g	0.000979	
CBG-A per 1g	< LOQ		mg/1g	0.000979	
CBG-Total per 1g	< LOQ		mg/1g	0.00183	
CBL per 1g	< LOQ		mg/1g	0.000979	
CBL-A per 1g	< LOQ		mg/1g	0.000979	
CBL-Total per 1g	< LOQ		mg/1g	0.00184	
CBN per 1g	< LOQ		mg/1g	0.000979	
CBT per 1g	< LOQ		mg/1g	0.000979	
Δ8-THCV per 1g	< LOQ		mg/1g	0.000979	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.000979	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.000979	
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.00196	
Δ8-THC per 1g	0.00335		mg/1g	0.000979	
Δ9-THC per 1g	0.0153		mg/1g	0.000979	
delta-9-THCP per 1g	< LOQ		mg/1g	0.000979	
exo-THC per 1g	< LOQ		mg/1g	0.000979	
THC-A per 1g	< LOQ		mg/1g	0.000979	
THC-Total per 1g	0.0153		mg/1g	0.00184	
THCV per 1g	< LOQ		mg/1g	0.000979	
THCV-A per 1g	< LOQ		mg/1g	0.000979	



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Potency per 1g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2308196	Analyze: 6/14/23 1:20:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
THCV-Total per 1g	< LOQ		mg/1g	0.00184	
Total Cannabinoids per 1g	0.0483		mg/1g		

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aerobic Plate Count	50		cfu/g	10	2308141	06/15/23 AOAC 990.12 (Petrifilm) <sup>p</sup>	
E.coli	< LOQ		cfu/g	10	2308139	06/15/23 AOAC 991.14 (Petrifilm) <sup>p</sup>	
Total Coliforms	< LOQ		cfu/g	10	2308139	06/15/23 AOAC 991.14 (Petrifilm) <sup>p</sup>	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2308140	06/15/23 AOAC 2014.05 (RAPID) <sup>p</sup>	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2308140	06/15/23 AOAC 2014.05 (RAPID) <sup>p</sup>	

Solvents											
Method: Residual Solvents by GC/MS <sup>b</sup>						Units µg/g		Batch 2308251		Analyze 06/15/23 11:17 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethanol	< LOQ		200		
Ethyl acetate	< LOQ	5000	200	pass		Ethyl benzene	< LOQ		200		
Ethyl ether	< LOQ	5000	200	pass		Ethylene glycol	< LOQ	620	200	pass	
Ethylene oxide	< LOQ	50.0	20.0	pass		Hexanes (sum)	< LOQ	290	150	pass	
Isopropyl acetate	< LOQ	5000	200	pass		Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass	
m,p-Xylene	< LOQ		200			Methanol	< LOQ	3000	200	pass	
Methylene chloride	< LOQ	600	60.0	pass		Methylpropane (Isobutane)	< LOQ		200		
n-Butane	< LOQ		200			n-Heptane	< LOQ	5000	200	pass	
n-Hexane	< LOQ		30.0			n-Pentane	< LOQ		200		
o-Xylene	< LOQ		200			Pentanes (sum)	< LOQ	5000	600	pass	
Propane	< LOQ	5000	200	pass		Tetrahydrofuran	< LOQ	720	100	pass	
Toluene	< LOQ	890	100	pass		Total Xylenes	< LOQ		400		
Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass							



Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>											
Units mg/kg Batch 2308150 Analyze 06/13/23 11:27 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	0.200	pass	
Acequinocyl <sup>‡</sup>	< LOQ	2.0	1.00	pass		Acetamiprid <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Aldicarb <sup>‡</sup>	< LOQ	0.40	0.200	pass		Azoxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Bifenazate <sup>‡</sup>	< LOQ	0.20	0.100	pass		Bifenthrin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Boscalid <sup>‡</sup>	< LOQ	0.40	0.200	pass		Carbaryl <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Carbofuran <sup>‡</sup>	< LOQ	0.20	0.100	pass		Chlorantraniliprole <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Chlorfenapyr <sup>‡</sup>	< LOQ	1.0	0.500	pass		Chlorpyrifos <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Clofentezine <sup>‡</sup>	< LOQ	0.20	0.100	pass		Cyfluthrin <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Cypermethrin <sup>‡</sup>	< LOQ	1.0	0.500	pass		Daminozide <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Diazinon <sup>‡</sup>	< LOQ	0.20	0.100	pass		Dichlorvos <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Dimethoate <sup>‡</sup>	< LOQ	0.20	0.100	pass		Ethoprophos <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Etofenprox <sup>‡</sup>	< LOQ	0.40	0.200	pass		Etoxazole <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Fenoxycarb <sup>‡</sup>	< LOQ	0.20	0.100	pass		Fenpyroximate <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Fipronil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Flonicamid <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Fludioxonil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Hexythiazox <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Imazalil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Imidacloprid <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Kresoxim-methyl <sup>‡</sup>	< LOQ	0.40	0.200	pass		Malathion <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Metalaxyl <sup>‡</sup>	< LOQ	0.20	0.100	pass		Methiocarb <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Methomyl <sup>‡</sup>	< LOQ	0.40	0.200	pass		MGK-264 <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Myclobutanil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Naled <sup>‡</sup>	< LOQ	0.50	0.250	pass	
Oxamyl <sup>‡</sup>	< LOQ	1.0	0.500	pass		Paclobotrazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Parathion-Methyl <sup>‡</sup>	< LOQ	0.20	0.100	pass		Permethrin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Phosmet <sup>‡</sup>	< LOQ	0.20	0.100	pass		Piperonyl butoxide <sup>‡</sup>	< LOQ	2.0	1.00	pass	
Prallethrin <sup>‡</sup>	< LOQ	0.20	0.100	pass		Propiconazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Propoxur <sup>‡</sup>	< LOQ	0.20	0.100	pass		Pyrethrin I (total) <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Pyridaben <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spinosad <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Spiromesifen <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spirotetramat <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Spiroxamine <sup>‡</sup>	< LOQ	0.40	0.200	pass		Tebuconazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Thiacloprid <sup>‡</sup>	< LOQ	0.20	0.100	pass		Thiamethoxam <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Trifloxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Arsenic <sup>‡</sup>	< LOQ	0.200	mg/kg	0.00379	2308336	06/16/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Cadmium <sup>‡</sup>	< LOQ	0.200	mg/kg	0.00379	2308336	06/16/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Lead <sup>‡</sup>	< LOQ	0.500	mg/kg	0.00379	2308336	06/16/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Mercury <sup>‡</sup>	< LOQ	0.100	mg/kg	0.00189	2308336	06/16/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass			



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### Abbreviations

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

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

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

### Units of Measure

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

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

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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

Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID 2308150			
Method Blank	Blank Result	Blank Limits	Notes	LCS Result	LCS Spk	LCS % Re	Limits	Notes
Abamectin	0.00	< 0.250		1.006	1.00	100.6	50.0	150
Acephate	0.033	< 0.200		0.642	0.80	80.3	60.0	120
Acetamiprid	0.00	< 0.100		0.394	0.40	98.5	60.0	120
Aldicarb	0.00	< 0.200		0.816	0.80	102.1	60.0	120
Azoxystrobin	0.007	< 0.100		0.387	0.40	96.7	60.0	120
Bifenazate	0.00	< 0.100		0.396	0.40	98.9	60.0	120
Bifenthrin	0.00	< 0.100		0.396	0.40	98.9	50.0	150
Boscalid	0.00	< 0.200		0.808	0.80	101.0	60.0	120
Carbaryl	0.00	< 0.100		0.384	0.40	96.1	60.0	120
Carbendazim	0.00	< 0.100		0.383	0.40	95.9	60.0	120
Chlorantraniliprole	0.00	< 0.100		0.392	0.40	98.0	60.0	120
Chlorfenapyr	0.00	< 0.500		2.032	2.00	101.6	60.0	120
Chlorpyrifos	0.002	< 0.100		0.602	0.40	150.5	60.0	120
Clofentezine	0.00	< 0.100		0.347	0.40	86.7	60.0	120
Cyfluthrin	0.00	< 0.500		1.874	2.00	93.7	50.0	150
Cypermethrin	0.00	< 0.500		1.934	2.00	96.7	50.0	150
Daminozide	0.00	< 0.500		0.754	2.00	37.7	60.0	120
Diazinon	0.00	< 0.100		0.422	0.40	105.6	60.0	120
Dichlorvos	0.00	< 0.500		1.913	2.00	95.6	60.0	120
Dimethoate	0.00	< 0.100		0.441	0.40	110.3	60.0	120
Ethionphos	0.00	< 0.100		0.393	0.40	98.2	60.0	120
Etofenprox	0.00	< 0.200		0.772	0.80	96.5	50.0	150
Etoxazole	0.007	< 0.100		0.406	0.40	101.6	60.0	120
Fenoxycarb	0.00	< 0.100		0.396	0.40	99.0	60.0	120
Fenprophate	0.00	< 0.200		0.786	0.80	98.2	60.0	120
Fipronil	0.00	< 0.200		0.793	0.80	99.1	60.0	120
Fonicamid	0.00	< 0.250		1.139	1.00	113.9	60.0	120
Fludioxonil	0.00	< 0.200		0.768	0.80	96.1	50.0	150
Hexythiazox	0.00	< 0.250		0.987	1.00	98.7	60.0	120
Imazalil	0.00	< 0.100		0.392	0.40	98.1	60.0	120
Imidacloprid	0.00	< 0.200		0.861	0.80	107.6	60.0	120
Kiesoxim-methyl	0.00	< 0.200		0.804	0.80	100.5	60.0	120
Malathion	0.00	< 0.100		0.396	0.40	98.9	60.0	120
Metolaxyl	0.00	< 0.100		0.396	0.40	98.8	60.0	120
Methiocarb	0.00	< 0.100		0.383	0.40	95.9	60.0	120
Methomyl	0.00	< 0.200		0.879	0.80	109.9	60.0	120
MCK-264	0.00	< 0.100		0.399	0.40	99.8	50.0	150
Mydobutanol	0.00	< 0.100		0.372	0.40	92.9	60.0	120
Naled	0.00	< 0.250		0.986	1.00	98.6	50.0	150
Oxamyl	0.00	< 0.500		2.229	2.00	111.5	60.0	120
Padobutrazole	0.00	< 0.200		0.771	0.80	96.4	60.0	120
Parathion-Methyl	0.00	< 0.100		0.371	0.40	92.6	50.0	150
Permethrin	0.00	< 0.100		0.387	0.40	96.8	50.0	150
Phosmet	0.00	< 0.100		0.393	0.40	98.4	50.0	150
Piperonyl butoxide	0.00	< 0.500		1.966	2.00	98.3	60.0	120
Prallethrin	0.00	< 0.100		0.402	0.40	100.5	60.0	120
Propiconazole	0.00	< 0.200		0.796	0.80	99.5	60.0	120
Propoxur	0.004	< 0.100		0.381	0.40	95.3	60.0	120
Pyrethrin (Summe)	0.001	< 0.100		0.475	0.48	97.3	60.0	120
Pyridaben	0.00	< 0.100		0.391	0.40	97.8	50.0	150
Spinosad	0.00	< 0.100		0.388	0.38	99.9	50.0	150
Spiromesfen	0.00	< 0.100		0.392	0.40	97.9	60.0	120
Spirotetramat	0.00	< 0.100		0.384	0.40	96.0	60.0	120
Spiroxamine	0.006	< 0.200		0.761	0.80	95.2	60.0	120
Tebuconazole	0.00	< 0.200		0.786	0.80	98.3	60.0	120
Thiadoprid	0.00	< 0.100		0.389	0.40	97.3	60.0	120
Thiamethoxam	0.00	< 0.100		0.464	0.40	116.1	60.0	120
Trifloxystrobin	0.00	< 0.100		0.391	0.40	97.6	60.0	120

Q1

Q6



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LegacyID: CFLC21WorksheetValidated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg				Batch ID 2308150				
Matrix Spke/Matrix Spke Duplicate Recoveries	Result	MS Res	MSD Res	Spike	RFD%	Limit	MS % Re	MSD % Re	Limits	Notes
Abamectin	0.00	1.158	1.122	1.00	3.2%	< 30	115.8%	112.2%	50 - 150	
Acephate	0.024	0.728	0.711	0.800	2.5%	< 30	88.0%	85.9%	50 - 150	
Acetamiprid	0.00	0.385	0.390	0.400	1.4%	< 30	98.8%	97.4%	50 - 150	
Aldicarb	0.00	0.820	0.823	0.800	0.4%	< 30	102.4%	102.8%	50 - 150	
Azoxystrobin	0.006	0.385	0.386	0.400	0.2%	< 30	94.6%	94.8%	50 - 150	
Bifenazate	0.00	0.414	0.398	0.400	3.9%	< 30	103.6%	99.0%	50 - 150	
Bifenthrin	1.224	1.660	1.620	0.400	9.7%	< 30	108.9%	98.8%	50 - 150	
Boscalid	0.021	0.772	0.841	0.800	8.8%	< 30	93.9%	102.6%	50 - 150	
Carbaryl	0.00	0.377	0.382	0.400	1.4%	< 30	94.2%	95.6%	50 - 150	
Carbofuran	0.00	0.386	0.377	0.400	2.2%	< 30	96.4%	94.2%	50 - 150	
Chlorantraniliprole	0.00	0.421	0.400	0.400	5.1%	< 30	105.1%	99.9%	50 - 150	
Chlorfenapyr	0.00	1.880	1.965	2.000	4.4%	< 30	94.0%	98.2%	50 - 150	
Chlorpyrifos	0.004	0.545	0.558	0.400	2.4%	< 30	135.4%	138.7%	50 - 150	
Clofentezine	0.00	0.295	0.303	0.400	2.3%	< 30	73.9%	75.6%	50 - 150	
Cyfluthrin	0.00	2.558	2.649	2.000	3.5%	< 30	127.9%	132.4%	30 - 150	
Cypermethrin	0.006	2.735	2.718	2.000	0.6%	< 30	136.5%	135.6%	50 - 150	
Daminozide	0.00	0.818	0.787	2.000	3.8%	< 30	40.9%	39.3%	30 - 150	
Diazinon	0.00	0.386	0.377	0.400	2.1%	< 30	96.4%	94.4%	50 - 150	
Dichlorvos	0.00	1.922	1.938	2.000	0.8%	< 30	96.1%	96.9%	50 - 150	
Dimethoate	0.00	0.425	0.381	0.400	11.1%	< 30	106.6%	95.4%	50 - 150	
Ethiofoprofos	0.00	0.390	0.386	0.400	1.1%	< 30	97.6%	96.9%	50 - 150	
Etofenprox	0.00	0.690	0.692	0.800	0.2%	< 30	86.3%	86.9%	50 - 150	
Etoxazole	0.007	0.390	0.372	0.400	5.0%	< 30	95.9%	91.3%	50 - 150	
Fenoxycarb	0.00	0.379	0.381	0.400	0.5%	< 30	94.7%	95.2%	50 - 150	
Fenpyroximate	0.00	0.700	0.705	0.800	0.9%	< 30	87.3%	88.3%	50 - 150	
Fipronil	0.00	0.784	0.795	0.800	1.5%	< 30	98.0%	99.5%	50 - 150	
Fonicamid	0.00	1.074	1.030	1.000	4.2%	< 30	107.4%	103.0%	50 - 150	
Fludioxonil	0.00	0.818	0.817	0.800	0.1%	< 30	102.2%	102.1%	50 - 150	
Hexythiazox	0.00	0.928	0.947	1.000	2.0%	< 30	92.8%	94.7%	50 - 150	
Imazalil	0.00	0.387	0.374	0.400	3.5%	< 30	96.8%	93.9%	50 - 150	
Imidacloprid	0.015	0.827	0.710	0.800	15.0%	< 30	101.5%	86.8%	50 - 150	
Kiesoxim-methyl	0.00	0.800	0.820	0.800	2.5%	< 30	100.0%	102.5%	50 - 150	
Malathion	0.00	0.382	0.390	0.400	2.0%	< 30	95.8%	97.4%	50 - 150	
Metolaxyl	0.00	0.398	0.393	0.400	1.2%	< 30	99.9%	98.4%	50 - 150	
Methiocarb	0.00	0.378	0.384	0.400	1.6%	< 30	94.8%	96.1%	50 - 150	
Methomyl	0.00	0.842	0.803	0.800	4.7%	< 30	105.2%	100.4%	50 - 150	
MCK-264	0.00	0.393	0.395	0.400	0.4%	< 30	98.3%	98.7%	50 - 150	
Mydobutanol	0.001	0.387	0.390	0.400	0.9%	< 30	96.9%	97.4%	50 - 150	
Naled	0.00	0.955	0.961	1.000	0.6%	< 30	95.9%	96.1%	50 - 150	
Oxaryl	0.00	2.003	1.969	2.000	1.7%	< 30	100.1%	98.5%	50 - 150	
Padobutrazole	0.00	0.787	0.792	0.800	0.6%	< 30	98.4%	99.0%	50 - 150	
Parathion-Methyl	0.00	0.376	0.384	0.400	2.2%	< 30	94.0%	96.0%	30 - 150	
Permethrin	0.014	0.407	0.400	0.400	1.7%	< 30	98.3%	96.6%	50 - 150	
Phosmet	0.00	0.394	0.383	0.400	0.1%	< 30	98.9%	98.4%	50 - 150	
Piperonyl butoxide	0.00	1.920	1.995	2.000	3.9%	< 30	96.0%	99.8%	50 - 150	
Prallethrin	0.00	0.446	0.446	0.400	0.2%	< 30	111.5%	111.3%	50 - 150	
Propiconazole	0.00	0.835	0.822	0.800	1.6%	< 30	104.4%	102.8%	50 - 150	
Propoxur	0.004	0.388	0.391	0.400	0.6%	< 30	96.3%	96.9%	50 - 150	
Pyrethrin (Summe)	0.003	0.480	0.451	0.488	2.1%	< 30	93.8%	91.8%	50 - 150	
Pyridaben	0.00	0.324	0.323	0.400	0.1%	< 30	80.9%	80.8%	50 - 150	
Spinosad	0.00	0.385	0.379	0.388	3.9%	< 30	101.7%	97.8%	50 - 150	
Spiromesfen	0.00	0.365	0.365	0.400	0.1%	< 30	91.3%	91.1%	50 - 150	
Spirotetramat	0.00	0.400	0.403	0.400	0.7%	< 30	100.0%	100.7%	50 - 150	
Spiroxamine	0.00	0.795	0.803	0.800	1.0%	< 30	99.3%	100.4%	50 - 150	
Tebuconazole	0.00	0.762	0.763	0.800	0.2%	< 30	95.2%	95.4%	50 - 150	
Thiadoprid	0.00	0.394	0.392	0.400	0.4%	< 30	98.9%	98.1%	50 - 150	
Thiamethoxam	0.00	0.424	0.402	0.400	5.2%	< 30	106.0%	100.5%	50 - 150	
Trifloxystrobin	0.00	0.379	0.372	0.400	1.9%	< 30	94.8%	93.0%	50 - 150	





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



**Report Number:** 23-006968/D007.R000  
**Report Date:** 06/19/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/12/23 16:32

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2308196

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0009	0.0008	%	103	80.0	- 120	Acceptable	
CBDV	2	0.0009	0.0009	%	105	80.0	- 120	Acceptable	
CBE	2	0.00109	0.00103	%	106	80.0	- 120	Acceptable	
CBDA	1	0.0010	0.0010	%	97.8	90.0	- 110	Acceptable	
CBGA	1	0.0010	0.0010	%	98.4	80.0	- 120	Acceptable	
CBG	1	0.00104	0.00102	%	102	80.0	- 120	Acceptable	
CBD	1	0.00104	0.00103	%	101	90.0	- 110	Acceptable	
THCV	2	0.0007	0.0006	%	109	80.0	- 120	Acceptable	
d8THCV	2	0.0008	0.0008	%	104	80.0	- 120	Acceptable	
THCVA	2	0.0009	0.0009	%	103	80.0	- 120	Acceptable	
CBN	1	0.00106	0.00104	%	102	80.0	- 120	Acceptable	
exo-THC	2	0.0009	0.0009	%	105	80.0	- 120	Acceptable	
d9THC	1	0.00112	0.00105	%	107	90.0	- 110	Acceptable	
d8THC	1	0.00128	0.00128	%	99.5	90.0	- 110	Acceptable	
9S-d10THC	1	0.0008	0.0007	%	102	80.0	- 120	Acceptable	
CBL	2	0.00104	0.0009	%	110	80.0	- 120	Acceptable	
9R-d10THC	1	0.00100	0.0010	%	101	80.0	- 120	Acceptable	
CBC	2	0.0010	0.0009	%	105	80.0	- 120	Acceptable	
THCA	1	0.0009	0.0010	%	94.8	90.0	- 110	Acceptable	
CBCA	2	0.0010	0.0010	%	101	80.0	- 120	Acceptable	
CBLA	2	0.00103	0.0010	%	103	80.0	- 120	Acceptable	
d9THCP	2	0.00101	0.0010	%	104	80.0	- 120	Acceptable	
CBT	2	0.00103	0.0010	%	105	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	
9S-d10THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBL	<LOQ	0.0001	%	< 0.0001	Acceptable	
9R-d10THC	<LOQ	0.0001	%	< 0.0001	Acceptable	
CBC	<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	
d9THCP	<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:** 23-006968/D007.R000  
**Report Date:** 06/19/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/12/23 16:32

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

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2308196						
Sample Duplicate		Sample ID: 23-006905-0001						
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	
CBDA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBG	0.0002	0.0002	0.0001	%	1.60	< 20	Acceptable	
CBD	0.00741	0.00751	0.0001	%	1.36	< 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	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9R-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	
d9THCP	<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:

% - Percent



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

Report Number: 23-006968/D007.R000  
 Report Date: 06/19/2023  
 ORELAP#: OR100028  
 Purchase Order:  
 Received: 06/12/23 16:32



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

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2308251					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		535	584	µg/g	91.6	60 - 120	
Isobutane	ND	< 200		683	767	µg/g	89.0	60 - 120	
Butane	ND	< 200		692	782	µg/g	88.5	60 - 120	
2,2-Dimethylpropane	ND	< 200		842	939	µg/g	89.7	60 - 120	
Methanol	ND	< 200		1230	1640	µg/g	75.0	60 - 120	
Ethylene Oxide	ND	< 30		51.2	57.1	µg/g	89.7	60 - 120	
2-Methylbutane	ND	< 200		1180	1600	µg/g	73.8	60 - 120	
Pentane	ND	< 200		1210	1620	µg/g	74.7	60 - 120	
Ethanol	ND	< 200		1260	1610	µg/g	78.3	70 - 130	
Ethyl Ether	ND	< 200		1270	1610	µg/g	78.9	60 - 120	
2,2-Dimethylbutane	ND	< 30		160	168	µg/g	95.2	60 - 120	
Acetone	ND	< 200		1530	1620	µg/g	94.4	60 - 120	
2-Propanol	ND	< 200		1540	1600	µg/g	96.3	60 - 120	
Ethyl Formate	ND	< 500		1430	1600	µg/g	89.4	70 - 130	
Acetonitrile	ND	< 100		441	484	µg/g	91.1	60 - 120	
Methyl Acetate	ND	< 500		1570	1610	µg/g	97.5	70 - 130	
2,3-Dimethylbutane	ND	< 30		149	162	µg/g	92.0	60 - 120	
Dichloromethane	ND	< 60		458	483	µg/g	94.8	60 - 120	
2-Methylpentane	ND	< 30		162	174	µg/g	93.1	60 - 120	
MTBE	ND	< 500		1600	1610	µg/g	99.4	70 - 130	
3-Methylpentane	ND	< 30		167	168	µg/g	99.4	60 - 120	
Hexane	ND	< 30		155	168	µg/g	92.3	60 - 120	
1-Propanol	ND	< 500		1540	1600	µg/g	96.3	70 - 130	
Methylethylketone	ND	< 500		1580	1620	µg/g	97.5	70 - 130	
Ethyl acetate	ND	< 200		1510	1600	µg/g	94.4	60 - 120	
2-Butanol	ND	< 200		1500	1600	µg/g	93.8	60 - 120	
Tetrahydrofuran	ND	< 100		481	514	µg/g	93.6	60 - 120	
Cyclohexane	ND	< 200		1520	1600	µg/g	95.0	60 - 120	
2-methyl-1-propanol	ND	< 500		1640	1610	µg/g	101.9	70 - 130	
Benzene	ND	< 1		3.91	5.12	µg/g	76.4	60 - 120	
Isopropyl Acetate	ND	< 200		1510	1620	µg/g	93.2	60 - 120	
Heptane	ND	< 200		1480	1610	µg/g	91.9	60 - 120	
1-Butanol	ND	< 500		1570	1600	µg/g	98.1	70 - 130	
Propyl Acetate	ND	< 500		1530	1600	µg/g	95.6	70 - 130	
1,4-Dioxane	ND	< 100		442	493	µg/g	89.7	60 - 120	
2-Ethoxyethanol	ND	< 30		116	163	µg/g	71.2	60 - 120	
Methylisobutylketone	ND	< 500		1500	1600	µg/g	93.8	70 - 130	
3-Methyl-1-butanol	ND	< 500		1600	1610	µg/g	99.4	70 - 130	
Ethylene Glycol	ND	< 200		318	483	µg/g	65.4	60 - 120	
Toluene	ND	< 100		440	493	µg/g	89.2	60 - 120	
Isobutyl Acetate	ND	< 500		1510	1600	µg/g	94.4	70 - 130	
1-Pentanol	ND	< 500		1480	1600	µg/g	92.5	70 - 130	
Butyl Acetate	ND	< 500		1490	1600	µg/g	93.1	70 - 130	
Ethylbenzene	ND	< 200		845	969	µg/g	87.2	60 - 120	
m,p-Xylene	ND	< 200		833	968	µg/g	86.1	60 - 120	
o-Xylene	ND	< 200		843	976	µg/g	86.4	60 - 120	
Cumene	ND	< 30		140	162	µg/g	86.4	60 - 120	
Anisole	ND	< 500		1450	1610	µg/g	90.1	70 - 130	
DMSO	ND	< 500		1020	1610	µg/g	63.4	70 - 130	Q6
1,2-dimethoxyethane	ND	< 50		161	164	µg/g	98.2	70 - 130	
Triethylamine	ND	< 500		744	1600	µg/g	46.5	70 - 130	Q6
N,N-dimethylformamide	ND	< 150		204	484	µg/g	42.1	70 - 130	Q6
N,N-dimethylacetamide	ND	< 150		264	489	µg/g	54.0	70 - 130	Q6
Pyridine	ND	< 50		71.2	172	µg/g	41.4	70 - 130	Q6
Silolane	ND	< 50		116	163	µg/g	71.2	70 - 130	
1,2-Dichloroethane	ND	< 1		1.01	1	µg/g	101.0	70 - 130	
Chloroform	ND	< 1		0.988	1	µg/g	98.8	70 - 130	
Trichloroethylene	ND	< 1		0.973	1	µg/g	97.3	70 - 130	
1,1-Dichloroethane	ND	< 1		0.998	1	µg/g	99.8	70 - 130	



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



**Report Number:** 23-006968/D007.R000  
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**Received:** 06/12/23 16:32

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

QC- Sample Duplicate		Sample ID: 23-006844-0001						
Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/ Fail	Notes	
Propane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Isobutane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Butane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
2,2-Dimethylpropane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Methanol	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Ethylene Oxide	ND	ND	30 µg/g	0.0	< 20	Acceptable		
2-Methylbutane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Pentane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Ethanol	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Ethyl Ether	ND	ND	200 µg/g	0.0	< 20	Acceptable		
2,2-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable		
Acetone	ND	ND	200 µg/g	0.0	< 20	Acceptable		
2-Propanol	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Ethyl Formate	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Acetonitrile	ND	ND	100 µg/g	0.0	< 20	Acceptable		
Methyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable		
2,3-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable		
Dichloromethane	ND	ND	60 µg/g	0.0	< 20	Acceptable		
2-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable		
MTBE	ND	ND	500 µg/g	0.0	< 20	Acceptable		
3-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable		
Hexane	ND	ND	30 µg/g	0.0	< 20	Acceptable		
1-Propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Methylethylketone	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Ethyl acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable		
2-Butanol	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Tetrahydrofuran	ND	ND	100 µg/g	0.0	< 20	Acceptable		
Cyclohexane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
2-methyl-1-propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Benzene	ND	ND	1 µg/g	0.0	< 20	Acceptable		
Isopropyl Acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Heptane	ND	ND	200 µg/g	0.0	< 20	Acceptable		
1-Butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Propyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable		
1,4-Dioxane	ND	ND	100 µg/g	0.0	< 20	Acceptable		
2-Ethoxyethanol	ND	ND	30 µg/g	0.0	< 20	Acceptable		
Methylisobutylketone	ND	ND	500 µg/g	0.0	< 20	Acceptable		
3-Methyl-1-butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Ethylene Glycol	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Toluene	ND	ND	100 µg/g	0.0	< 20	Acceptable		
Isobutyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable		
1-Pentanol	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Butyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable		
Ethylbenzene	ND	ND	200 µg/g	0.0	< 20	Acceptable		
m,p-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable		
o-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable		
Cumene	ND	ND	30 µg/g	0.0	< 20	Acceptable		
Anisole	ND	ND	500 µg/g	0.0	< 20	Acceptable		
DMSO	ND	ND	500 µg/g	0.0	< 20	Acceptable		
1,2-dimethoxyethane	ND	ND	50 µg/g	0.0	< 20	Acceptable		
Triethylamine	ND	ND	500 µg/g	0.0	< 20	Acceptable		
N,N-dimethylformamide	ND	ND	150 µg/g	0.0	< 20	Acceptable		
N,N-dimethylacetamide	ND	ND	150 µg/g	0.0	< 20	Acceptable		
Pyridine	ND	ND	50 µg/g	0.0	< 20	Acceptable		
Sulfolane	ND	ND	50 µg/g	0.0	< 20	Acceptable		
1,2-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable		
Chloroform	ND	ND	1 µg/g	0.0	< 20	Acceptable		
Trichloroethylene	ND	ND	1 µg/g	0.0	< 20	Acceptable		
1,1-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable		

**Abbreviations**

ND - None Detected at or above MRL  
 RPD- Relative Percent Difference  
 LOQ - Limit of Quantitation  
 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:** 23-006968/D007.R000  
**Report Date:** 06/19/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/12/23 16:32





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.