

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

BULK SKU MNT.D9.WTG1	BATCH # EG52	LOQ: Limit Of Quantitation LOD: Limit Of Detection 1 g = 10 ⁻³ kg = 10 ³ mg = 10 ⁶ µg 1 mg/kg = 1 ppm = 1000 ppb	
PRODUCT NAME Wintergreen Mints	SERVING SIZE 1 mint (0.53g)		
LABORATORY: Columbia Laboratories	OREGON ACCREDITATION: OR100028		
POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	5.02 mg/serving	9.48 mg/g	0.95 %
Total THC (d9-THC, THCA)	1.07 mg/serving	2.02 mg/g	0.20 %
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)	1.07 mg/serving	2.02 mg/g	0.20 %
Delta-8-THC (d8-THC)	0.34 mg/serving	0.65 mg/g	0.07 %
HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ µg/serving	<LOQ µg/g	10 µg/day ^[1]
Cadmium	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day ^[1]
Lead	<LOQ µg/serving	<LOQ µg/g	3.5 µg/day ^[2]
Mercury	<LOQ µg/serving	<LOQ µg/g	2 µg/day ^[1]
PESTICIDES	REGULATORY ACTION LEVEL		
None of the other 59 pesticides tested found above limit of detection in the sample.			10 ppb ^[1]
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: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

Customer: Etz Hayim Holdings
Product identity: CYCL-MNT.D9.WTG1-EG52
Client/Metric ID: .
Laboratory ID: 22-010642-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	9.48		mg/1g		CBD-Total per Serving Size 9.48 mg/1g
Δ8-THC per 1g	0.648		mg/1g		
Δ9-THC per 1g	2.02		mg/1g		THC-Total per Serving Size 2.02 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
Mold (RAPID Petrifilm)	110	cfu/g



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

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

Product identity: CYCL-MNT.D9.WTG1-EG52

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-010642-0001

Evidence of Cooling: No

Temp: 24.7 °C

Relinquished by: Client

Serving Size #1: 1 g

Sample Results

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2207648	Analyze: 9/12/22 3:34:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	< LOQ		mg/1g	0.0306	
CBC-A per 1g	< LOQ		mg/1g	0.0306	
CBC-Total per 1g	< LOQ		mg/1g	0.0574	
CBD per 1g	9.48		mg/1g	0.306	
CBD-A per 1g	< LOQ		mg/1g	0.0306	
CBD-Total per 1g	9.48		mg/1g	0.333	
CBDV per 1g	< LOQ		mg/1g	0.0306	
CBDV-A per 1g	< LOQ		mg/1g	0.0306	
CBDV-Total per 1g	< LOQ		mg/1g	0.0571	
CBE per 1g	< LOQ		mg/1g	0.0306	
CBG per 1g	< LOQ		mg/1g	0.0306	
CBG-A per 1g	< LOQ		mg/1g	0.0306	
CBG-Total per 1g	< LOQ		mg/1g	0.0571	
CBL per 1g	< LOQ		mg/1g	0.0306	
CBL-A per 1g	< LOQ		mg/1g	0.0306	
CBL-Total per 1g	< LOQ		mg/1g	0.0574	
CBN per 1g	< LOQ		mg/1g	0.0306	
CBT per 1g	< LOQ		mg/1g	0.0306	
Δ8-THCV per 1g	< LOQ		mg/1g	0.0306	
Δ10-THC per 1g	< LOQ		mg/1g	0.0306	
Δ8-THC per 1g	0.648		mg/1g	0.0306	
Δ9-THC per 1g	2.02		mg/1g	0.0306	
exo-THC per 1g	< LOQ		mg/1g	0.0306	
THC-A per 1g	< LOQ		mg/1g	0.0306	
THC-Total per 1g	2.02		mg/1g	0.0574	
THCV per 1g	< LOQ		mg/1g	0.0306	
THCV-A per 1g	< LOQ		mg/1g	0.0306	
THCV-Total per 1g	< LOQ		mg/1g	0.0574	
Total Cannabinoids per 1g	12.2		mg/1g		



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2207795	09/18/22 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2207795	09/18/22 AOAC 991.14 (Petrifilm) ^P		
Mold (RAPID Petrifilm)	110		cfu/g	10	2207798	09/19/22 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2207798	09/19/22 AOAC 2014.05 (RAPID) ^P		

Solvents **Method:** Residual Solvents by GC/MS^b **Units** µg/g **Batch** 2207979 **Analyze** 09/22/22 10:49 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							



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b											
Units mg/kg Batch 2207908 Analyze 09/20/22 01:33 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [‡]	< LOQ	0.50	0.250	pass		Acephate [‡]	< LOQ	0.40	0.250	pass	
Acequinocyl [‡]	< LOQ	2.0	1.00	pass		Acetamiprid [‡]	< LOQ	0.20	0.100	pass	
Aldicarb [‡]	< LOQ	0.40	0.200	pass		Azoxystrobin [‡]	< LOQ	0.20	0.100	pass	
Bifenazate [‡]	< LOQ	0.20	0.100	pass		Bifenthrin [‡]	< LOQ	0.20	0.100	pass	
Boscalid [‡]	< LOQ	0.40	0.200	pass		Carbaryl [‡]	< LOQ	0.20	0.100	pass	
Carbofuran [‡]	< LOQ	0.20	0.100	pass		Chlorantraniliprole [‡]	< LOQ	0.20	0.100	pass	
Chlorfenapyr [‡]	< LOQ	1.0	0.500	pass		Chlorpyrifos [‡]	< LOQ	0.20	0.100	pass	
Clofentezine [‡]	< LOQ	0.20	0.100	pass		Cyfluthrin [‡]	< LOQ	1.0	0.500	pass	
Cypermethrin [‡]	< LOQ	1.0	0.500	pass		Daminozide [‡]	< LOQ	1.0	0.500	pass	
Diazinon [‡]	< LOQ	0.20	0.100	pass		Dichlorvos [‡]	< LOQ	1.0	0.500	pass	
Dimethoate [‡]	< LOQ	0.20	0.100	pass		Ethoprophos [‡]	< LOQ	0.20	0.100	pass	
Etofenprox [‡]	< LOQ	0.40	0.200	pass		Etoxazole [‡]	< LOQ	0.20	0.100	pass	
Fenoxycarb [‡]	< LOQ	0.20	0.100	pass		Fenpyroximate [‡]	< LOQ	0.40	0.200	pass	
Fipronil [‡]	< LOQ	0.40	0.200	pass		Flonicamid [‡]	< LOQ	1.0	0.400	pass	
Fludioxonil [‡]	< LOQ	0.40	0.200	pass		Hexythiazox [‡]	< LOQ	1.0	0.400	pass	
Imazalil [‡]	< LOQ	0.20	0.100	pass		Imidacloprid [‡]	< LOQ	0.40	0.200	pass	
Kresoxim-methyl [‡]	< LOQ	0.40	0.200	pass		Malathion [‡]	< LOQ	0.20	0.100	pass	
Metalaxyl [‡]	< LOQ	0.20	0.100	pass		Methiocarb [‡]	< LOQ	0.20	0.100	pass	
Methomyl [‡]	< LOQ	0.40	0.200	pass		MGK-264 [‡]	< LOQ	0.20	0.100	pass	
Myclobutanil [‡]	< LOQ	0.20	0.100	pass		Naled [‡]	< LOQ	0.50	0.250	pass	
Oxamyl [‡]	< LOQ	1.0	0.500	pass		Pacllobutrazole [‡]	< LOQ	0.40	0.200	pass	
Parathion-Methyl [‡]	< LOQ	0.20	0.200	pass		Permethrin [‡]	< LOQ	0.20	0.100	pass	
Phosmet [‡]	< LOQ	0.20	0.100	pass		Piperonyl butoxide [‡]	< LOQ	2.0	1.00	pass	
Prallethrin [‡]	< LOQ	0.20	0.200	pass		Propiconazole [‡]	< LOQ	0.40	0.200	pass	
Propoxur [‡]	< LOQ	0.20	0.100	pass		Pyrethrin I (total) [‡]	< LOQ	1.0	0.500	pass	
Pyridaben [‡]	< LOQ	0.20	0.100	pass		Spinosad [‡]	< LOQ	0.20	0.100	pass	
Spiromesifen [‡]	< LOQ	0.20	0.100	pass		Spirotetramat [‡]	< LOQ	0.20	0.100	pass	
Spiroxamine [‡]	< LOQ	0.40	0.200	pass		Tebuconazole [‡]	< LOQ	0.40	0.200	pass	
Thiacloprid [‡]	< LOQ	0.20	0.100	pass		Thiamethoxam [‡]	< LOQ	0.20	0.100	pass	
Trifloxystrobin [‡]	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Arsenic	< LOQ	0.200	mg/kg	0.0946	2207986	09/21/22 AOAC 2013.06 (mod.) ^b	pass			
Cadmium	< LOQ	0.200	mg/kg	0.0946	2207986	09/21/22 AOAC 2013.06 (mod.) ^b	pass			
Lead	< LOQ	0.500	mg/kg	0.0946	2207986	09/21/22 AOAC 2013.06 (mod.) ^b	pass			
Mercury	< LOQ	0.100	mg/kg	0.0473	2207986	09/21/22 AOAC 2013.06 (mod.) ^b	pass			



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

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
503-254-1794



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05



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

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Field ID		Date/Time Collected		Analysis Requested										Matrix	Weight	Serving size for edibles	Comments/Metric ID		
				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				
CYCL-MNT.D9.WTG1-EG52		9/6	3:00			X										Powder		mg/g	Potency First
CYCL-MNT.D9.WTG1-EG52		9/6	3:00	X		X				X	X	X				Powder		mg/g	LazNat Discount

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:

Collected By:		Lab Use Only: Client Alias: Order Number: Proper Container Sample Condition Temperature: 24.7 Shipped Via: Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)		

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

Revision: 1.02 Control#: CF023
Effective 01/31/2019 Revised 01/31/2019

www.pixislabs.com

Page 1 of 2

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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

Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05



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

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2207648

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0337	0.033	%	101	80.0	- 120	Acceptable	
CBDV	2	0.0354	0.033	%	106	80.0	- 120	Acceptable	
CBE	2	0.0338	0.033	%	101	80.0	- 120	Acceptable	
CBD A	1	0.0341	0.033	%	102	90.0	- 110	Acceptable	
CBGA	1	0.0338	0.033	%	102	80.0	- 120	Acceptable	
CBG	1	0.0368	0.036	%	102	80.0	- 120	Acceptable	
CBD	1	0.0368	0.036	%	103	90.0	- 110	Acceptable	
THCV	2	0.0344	0.033	%	103	80.0	- 120	Acceptable	
d8THCV	2	0.0356	0.033	%	107	80.0	- 120	Acceptable	
THCVA	2	0.0328	0.033	%	98.5	80.0	- 120	Acceptable	
CBN	1	0.0364	0.036	%	101	90.0	- 110	Acceptable	
exo-THC	2	0.0326	0.033	%	97.7	80.0	- 120	Acceptable	
d9THC	1	0.0382	0.039	%	99.0	90.0	- 110	Acceptable	
d8THC	1	0.0332	0.033	%	99.4	80.0	- 120	Acceptable	
CBL	2	0.0320	0.033	%	95.9	80.0	- 120	Acceptable	
d10THC	1	0.0300	0.033	%	89.9	80.0	- 120	Acceptable	
CBC	2	0.0332	0.033	%	99.5	80.0	- 120	Acceptable	
THCA	1	0.0334	0.032	%	105	90.0	- 110	Acceptable	
CBCA	2	0.0340	0.033	%	102	80.0	- 120	Acceptable	
CBLA	2	0.0349	0.033	%	105	80.0	- 120	Acceptable	
CBT	2	0.0316	0.033	%	94.7	80.0	- 120	Acceptable	

Method Blank									
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes		
CBDVA	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBDV	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBE	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBD A	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBGA	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBG	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBD	<LOQ	0.0006	%	< 0.0006		Acceptable			
THCV	<LOQ	0.0006	%	< 0.0006		Acceptable			
d8THCV	<LOQ	0.0006	%	< 0.0006		Acceptable			
THCVA	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBN	<LOQ	0.0006	%	< 0.0006		Acceptable			
exo-THC	<LOQ	0.0006	%	< 0.0006		Acceptable			
d9THC	<LOQ	0.0006	%	< 0.0006		Acceptable			
d8THC	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBL	<LOQ	0.0006	%	< 0.0006		Acceptable			
d10THC	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBC	<LOQ	0.0006	%	< 0.0006		Acceptable			
THCA	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBCA	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBLA	<LOQ	0.0006	%	< 0.0006		Acceptable			
CBT	<LOQ	0.0006	%	< 0.0006		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: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

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

Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2207648						
Sample Duplicate		Sample ID: 22-010491-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0012	0.0012	0.003	%	0.0940	< 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	0.243	0.238	0.003	%	1.93	< 20	Acceptable	
THCV	0.0009	0.0009	0.003	%	1.47	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0011	0.0011	0.003	%	2.47	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.250	0.244	0.003	%	2.33	< 20	Acceptable	
d8THC	0.0626	0.0649	0.003	%	3.56	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 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: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05



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

Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID 2207908			
Method Blank	Blank Result	Blank Limits	Notes	LCS Result	LCS Spk	LCS % Re	Limits	Notes
Abamectin	0.00	< 0.250		1.077	1.00	107.7	50.0	150
Acephate	0.00	< 0.250		0.894	1.00	89.4	60.0	120
Acetamiprid	0.00	< 1.000		3.537	4.00	88.4	40.0	160
Acetamiprid	0.00	< 0.100		0.397	0.40	99.2	60.0	120
Aldicarb	0.00	< 0.200		0.834	0.80	104.3	60.0	120
Azoxystrobin	0.00	< 0.100		0.442	0.40	110.5	60.0	120
Bifenazate	0.00	< 0.100		0.423	0.40	105.7	60.0	120
Bifenthrin	0.00	< 0.100		0.385	0.40	96.2	50.0	150
Boscalid	0.00	< 0.200		0.842	0.80	105.2	60.0	120
Carbaryl	0.00	< 0.100		0.395	0.40	98.8	60.0	120
Carbendazim	0.00	< 0.100		0.410	0.40	102.4	60.0	120
Chlorantraniliprole	0.00	< 0.100		0.414	0.40	103.5	60.0	120
Chlorfenapyr	0.00	< 0.500		2.040	2.00	102.0	60.0	120
Chlorpyrifos	0.00	< 0.100		0.411	0.40	102.9	60.0	120
Clofentezine	0.00	< 0.100		0.147	0.40	36.6	60.0	120
Cyfluthrin	0.00	< 0.500		2.085	2.00	104.3	50.0	150
Cypermethrin	0.00	< 0.500		2.067	2.00	103.3	50.0	150
Daminozide	0.007	< 0.500		0.581	2.00	29.1	60.0	120
Diazinon	0.00	< 0.100		0.439	0.40	109.8	60.0	120
Dichlorvos	0.00	< 0.500		2.038	2.00	101.9	60.0	120
Dimethoate	0.00	< 0.100		0.409	0.40	102.3	60.0	120
Ethionphos	0.00	< 0.100		0.420	0.40	105.1	60.0	120
Etofenprox	0.00	< 0.200		0.778	0.80	97.2	50.0	150
Etoxazole	0.00	< 0.100		0.416	0.40	104.0	60.0	120
Fenoxycarb	0.00	< 0.100		0.433	0.40	108.2	60.0	120
Fenpyroximate	0.00	< 0.200		0.825	0.80	103.1	60.0	120
Fipronil	0.00	< 0.200		0.840	0.80	105.0	60.0	120
Fonicamid	0.00	< 0.250		1.020	1.00	102.0	60.0	120
Fludioxonil	0.00	< 0.200		0.869	0.80	108.6	50.0	150
Hexythiazox	0.00	< 0.250		0.972	1.00	97.2	60.0	120
Imazalil	0.00	< 0.100		0.474	0.40	118.6	60.0	120
Imidacloprid	0.00	< 0.200		0.828	0.80	103.5	60.0	120
Kiesoxim-methyl	0.00	< 0.200		0.839	0.80	104.9	60.0	120
Malathion	0.00	< 0.100		0.426	0.40	106.6	60.0	120
Metolaxyl	0.00	< 0.100		0.430	0.40	107.6	60.0	120
Methiocarb	0.00	< 0.100		0.420	0.40	105.0	60.0	120
Methomyl	0.00	< 0.200		0.655	0.80	81.8	60.0	120
MCK-264	0.00	< 0.100		0.432	0.40	107.9	50.0	150
Mydobutanol	0.00	< 0.100		0.413	0.40	103.1	60.0	120
Naled	0.00	< 0.250		0.580	1.00	58.0	50.0	150
Oxamyl	0.00	< 0.500		1.840	2.00	92.0	60.0	120
Padobutrazole	0.00	< 0.200		0.874	0.80	109.2	60.0	120
Parathion-Methyl	0.00	< 0.200		0.492	0.80	61.5	50.0	150
Permethrin	0.001	< 0.100		0.388	0.40	97.1	50.0	150
Phosmet	0.00	< 0.100		0.424	0.40	105.9	50.0	150
Piperonyl butoxide	0.00	< 0.500		2.118	2.00	105.9	60.0	120
Prallethrin	0.00	< 0.100		0.444	0.40	110.9	60.0	120
Propiconazole	0.00	< 0.200		0.815	0.80	101.9	60.0	120
Propoxur	0.00	< 0.100		0.402	0.40	100.6	60.0	120
Pyrethrin (Summe)	0.00	< 0.100		0.433	0.413	104.8	60.0	120
Pyridaben	0.00	< 0.100		0.399	0.40	99.7	50.0	150
Spinosad	0.00	< 0.100		0.415	0.388	107.0	50.0	150
Spiromesfen	0.00	< 0.100		0.402	0.40	100.4	60.0	120
Spirotetramat	0.00	< 0.100		0.418	0.40	104.5	60.0	120
Spiroxamine	0.00	< 0.200		0.849	0.80	106.2	60.0	120
Tebuconazole	0.00	< 0.200		0.866	0.80	108.2	60.0	120
Thiadoprid	0.00	< 0.100		0.396	0.40	99.0	60.0	120
Thiamethoxam	0.00	< 0.100		0.375	0.40	93.8	60.0	120
Trifloxystrobin	0.00	< 0.100		0.413	0.40	103.3	60.0	120

Q6

Q6



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

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

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg					Batch ID 2207908			
Matrix Spke/Matrix Spke Duplicate Recoveries	Result	MS Res	MSD Res	Spike	RFD%	Limit	MS% Re	MSD % Re	Limits	Notes
Abamectin	0.00	1.589	1.503	1.000	5.6%	< 30	1589%	1503%	50 - 150	Q
Acephate	0.00	1.106	1.112	1.000	0.5%	< 30	1106%	1112%	50 - 150	
Acetaminophen	0.00	4.809	4.807	4.000	0.0%	< 30	1202%	1202%	50 - 150	
Acetamiprid	0.00	0.503	0.498	0.400	0.9%	< 30	1256%	1245%	50 - 150	
Aldicarb	0.00	1.002	0.985	0.800	1.7%	< 30	1252%	123.1%	50 - 150	
Azoxystrobin	0.00	0.536	0.549	0.400	2.4%	< 30	1340%	1372%	50 - 150	
Bifenazate	0.00	0.485	0.479	0.400	1.1%	< 30	1212%	1198%	50 - 150	
Bifenthrin	0.00	0.488	0.491	0.400	0.5%	< 30	1220%	1226%	50 - 150	
Boscalid	0.00	0.992	0.937	0.800	5.8%	< 30	1240%	117.1%	50 - 150	
Carbaryl	0.00	0.533	0.534	0.400	0.2%	< 30	1331%	1334%	50 - 150	
Carbofuran	0.00	0.569	0.562	0.400	1.4%	< 30	1424%	1404%	50 - 150	
Chlorantraniliprole	0.00	0.470	0.464	0.400	1.3%	< 30	1175%	1160%	50 - 150	
Chlorfenapyr	0.00	2.251	2.287	2.000	1.6%	< 30	1125%	1143%	50 - 150	
Chlorpyrifos	0.00	0.612	0.604	0.400	1.3%	< 30	1529%	1510%	50 - 150	Q
Clofentezine	0.00	0.408	0.397	0.400	2.7%	< 30	1020%	99.3%	50 - 150	
Cyfluthrin	0.00	1.904	1.802	2.000	5.5%	< 30	95.2%	90.1%	30 - 150	
Cypermethrin	0.00	1.824	1.795	2.000	1.6%	< 30	91.2%	89.7%	50 - 150	
Daminozide	0.00	0.964	0.941	2.000	2.4%	< 30	48.2%	47.1%	30 - 150	
Diazinon	0.00	0.583	0.581	0.400	0.3%	< 30	1457%	1453%	50 - 150	
Dichlorvos	0.00	2.335	2.305	2.000	1.3%	< 30	1168%	1153%	50 - 150	
Dimethoate	0.00	0.519	0.511	0.400	1.6%	< 30	1299%	1278%	50 - 150	
Ethionphos	0.00	0.490	0.476	0.400	2.9%	< 30	1225%	1190%	50 - 150	
Etofenprox	0.00	1.153	1.126	0.800	2.4%	< 30	1442%	1408%	50 - 150	
Etoxazole	0.00	0.623	0.603	0.400	3.3%	< 30	1558%	1507%	50 - 150	Q
Fenoxycarb	0.00	0.487	0.480	0.400	1.5%	< 30	1218%	1200%	50 - 150	
Fenpyroximate	0.00	0.848	0.824	0.800	2.9%	< 30	1060%	1030%	50 - 150	
Fipronil	0.00	1.167	1.143	0.800	2.1%	< 30	1459%	1428%	50 - 150	
Fonicamid	0.00	1.047	1.009	1.000	3.7%	< 30	1047%	1009%	50 - 150	
Fludioxonil	0.00	0.786	0.774	0.800	1.6%	< 30	98.2%	96.7%	50 - 150	
Hexythiazox	0.00	1.319	1.301	1.000	1.4%	< 30	1319%	130.1%	50 - 150	
Imazalil	0.00	0.443	0.431	0.400	2.6%	< 30	1107%	1079%	50 - 150	
Imidacloprid	0.00	0.729	0.714	0.800	2.0%	< 30	91.1%	89.3%	50 - 150	
Kiesoxim-methyl	0.00	0.987	1.013	0.800	2.6%	< 30	1234%	1267%	50 - 150	
Malathion	0.00	0.489	0.475	0.400	2.9%	< 30	1223%	1187%	50 - 150	
Metaxyl	0.00	0.486	0.469	0.400	3.5%	< 30	1215%	1173%	50 - 150	
Methiocarb	0.00	0.477	0.475	0.400	0.3%	< 30	1192%	1188%	50 - 150	
Methomyl	0.00	0.765	0.842	0.800	9.5%	< 30	95.7%	1052%	50 - 150	
MCK-264	0.00	0.480	0.466	0.400	1.2%	< 30	1129%	1142%	50 - 150	
Mydobutani	0.00	0.491	0.491	0.400	0.1%	< 30	1229%	1227%	50 - 150	
Naled	0.00	1.266	1.224	1.000	3.4%	< 30	1266%	1224%	50 - 150	
Oxamyl	0.00	2.179	2.006	2.000	8.3%	< 30	1090%	1003%	50 - 150	
Padobutrazole	0.00	0.980	0.967	0.800	1.4%	< 30	1225%	1208%	50 - 150	
Parathion-Methyl	0.00	0.717	0.727	0.800	1.4%	< 30	89.8%	90.9%	30 - 150	
Permethrin	0.00	0.485	0.479	0.400	1.4%	< 30	1213%	1196%	50 - 150	
Phosmet	0.00	0.486	0.482	0.400	1.0%	< 30	1216%	1204%	50 - 150	
Piperonyl butoxide	0.00	2.844	2.902	2.000	2.0%	< 30	1422%	145.1%	50 - 150	
Prallethrin	0.00	0.387	0.389	0.400	0.6%	< 30	96.7%	97.3%	50 - 150	
Propiconazole	0.00	1.105	1.096	0.800	0.8%	< 30	1381%	1370%	50 - 150	
Propoxur	0.00	0.533	0.533	0.400	0.1%	< 30	1333%	133.1%	50 - 150	
Pyrethrin (Summe)	0.00	0.755	0.744	0.413	1.5%	< 30	1829%	1802%	50 - 150	Q
Pyridaben	0.00	0.523	0.523	0.400	0.1%	< 30	1319%	1320%	50 - 150	
Spinosad	0.00	0.594	0.591	0.388	0.6%	< 30	1531%	1522%	50 - 150	Q
Spiromesfen	0.00	0.476	0.468	0.400	1.7%	< 30	1191%	1170%	50 - 150	
Spirotetramat	0.00	0.375	0.371	0.400	0.9%	< 30	93.7%	92.9%	50 - 150	
Spiroxamine	0.00	0.929	0.923	0.800	0.6%	< 30	116.1%	115.4%	50 - 150	
Tebuconazole	0.00	1.076	1.057	0.800	1.8%	< 30	1345%	132.1%	50 - 150	
Thiadoprid	0.00	0.532	0.513	0.400	3.7%	< 30	1331%	1282%	50 - 150	
Thiamethoxam	0.00	0.421	0.391	0.400	7.4%	< 30	105.4%	97.9%	50 - 150	
Trifloxystrobin	0.00	0.647	0.638	0.400	1.5%	< 30	1618%	1594%	50 - 150	Q


 Revision: Document ID:
 Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents				Batch D: 2207979					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		517	572	µg/g	90.4	60 - 120	
Isobutane	ND	< 200		663	731	µg/g	90.7	60 - 120	
Butane	ND	< 200		650	731	µg/g	88.9	60 - 120	
2,2-Dimethylpropane	ND	< 200		854	936	µg/g	91.2	60 - 120	
Methanol	ND	< 200		1540	1650	µg/g	93.3	60 - 120	
Ethylene Oxide	ND	< 30		49	56.2	µg/g	87.2	60 - 120	
2-Methylbutane	ND	< 200		1530	1650	µg/g	92.7	60 - 120	
Pentane	ND	< 200		1540	1650	µg/g	93.3	60 - 120	
Ethanol	ND	< 200		1500	1660	µg/g	90.4	70 - 130	
Ethyl Ether	ND	< 200		1520	1630	µg/g	93.3	60 - 120	
2,2-Dimethylbutane	ND	< 30		177	189	µg/g	93.7	60 - 120	
Acetone	ND	< 200		1550	1650	µg/g	93.9	60 - 120	
2-Propanol	ND	< 200		1550	1650	µg/g	93.9	60 - 120	
Ethyl Formate	ND	< 500		1420	1610	µg/g	88.2	70 - 130	
Acetonitrile	ND	< 100		468	504	µg/g	92.9	60 - 120	
Methyl Acetate	ND	< 500		1530	1630	µg/g	93.9	70 - 130	
2,3-Dimethylbutane	ND	< 30		158	174	µg/g	90.8	60 - 120	
Dichloromethane	ND	< 60		493	521	µg/g	94.6	60 - 120	
2-Methylpentane	ND	< 30		207	187	µg/g	110.7	60 - 120	
MTBE	ND	< 500		1500	1600	µg/g	93.8	70 - 130	
3-Methylpentane	ND	< 30		179	188	µg/g	95.2	60 - 120	
Hexane	ND	< 30		176	182	µg/g	96.7	60 - 120	
1-Propanol	ND	< 500		1530	1610	µg/g	95.0	70 - 130	
Methyl ethyl ketone	ND	< 500		1520	1600	µg/g	95.0	70 - 130	
Ethyl acetate	ND	< 200		1530	1630	µg/g	93.9	60 - 120	
2-Butanol	ND	< 200		1510	1630	µg/g	92.6	60 - 120	
Tetrahydrofuran	ND	< 100		470	506	µg/g	92.9	60 - 120	
Cyclohexane	ND	< 200		1510	1640	µg/g	92.1	60 - 120	
2-methyl-1-propanol	ND	< 500		1520	1620	µg/g	93.8	70 - 130	
Benzene	ND	< 1		4.42	4.93	µg/g	89.7	60 - 120	
Isopropyl Acetate	ND	< 200		1510	1640	µg/g	92.1	60 - 120	
Heptane	ND	< 200		1490	1630	µg/g	91.4	60 - 120	
1-Butanol	ND	< 500		1540	1600	µg/g	96.3	70 - 130	
Propyl Acetate	ND	< 500		1500	1620	µg/g	92.6	70 - 130	
1,4-Dioxane	ND	< 100		450	493	µg/g	91.3	60 - 120	
2-Ethoxyethanol	ND	< 30		164	171	µg/g	95.9	60 - 120	
Methylisobutylketone	ND	< 500		1490	1620	µg/g	92.0	70 - 130	
3-Methyl-1-butanol	ND	< 500		1420	1610	µg/g	88.2	70 - 130	
Ethylene Glycol	ND	< 200		307	494	µg/g	62.1	60 - 120	
Toluene	ND	< 100		458	506	µg/g	90.5	60 - 120	
Isobutyl Acetate	ND	< 500		1510	1620	µg/g	93.2	70 - 130	
1-Pentanol	ND	< 500		1580	1610	µg/g	98.1	70 - 130	
Butyl Acetate	ND	< 500		1530	1610	µg/g	95.0	70 - 130	
Ethylbenzene	ND	< 200		907	998	µg/g	91.1	60 - 120	
m,p-Xylene	ND	< 200		922	1010	µg/g	91.3	60 - 120	
o-Xylene	ND	< 200		887	979	µg/g	90.6	60 - 120	
Cumene	ND	< 30		174	188	µg/g	92.6	60 - 120	
Anisole	ND	< 500		1520	1610	µg/g	94.4	70 - 130	
DMSO	ND	< 500		1330	1600	µg/g	83.1	70 - 130	
1,2-dimethoxyethane	ND	< 50		184	190	µg/g	96.8	70 - 130	
Triethylamine	ND	< 500		1610	1610	µg/g	100.0	70 - 130	
N,N-dimethylformamide	ND	< 150		450	496	µg/g	90.7	70 - 130	
N,N-dimethylacetamide	ND	< 150		434	483	µg/g	89.9	70 - 130	
Pyridine	ND	< 50		137	167	µg/g	82.0	70 - 130	
1,2-Dichloroethane	ND	< 1		1.01	1	µg/g	101.0	70 - 130	
Chloroform	ND	< 1		1	1	µg/g	100.0	70 - 130	
Trichloroethylene	ND	< 1		1.04	1	µg/g	104.0	70 - 130	



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05

Revision: Document ID:
 Legacy ID: Effective:

QC- Sample Duplicate	Sample ID: 22-010642-0001						
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	
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	

Abbreviations

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

Units of Measure:

µg/g - Microgram per gram or ppm



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



Report Number: 22-010642/D004.R000
Report Date: 09/22/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/07/22 13:05





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.