Lazarus Naturals

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

BULK SKU GEL.MSL20 **BATCH #** EE26

PRODUCT NAME CBD Muscle Gel **SERVING SIZE** 1 pump (~30 mL)

LABORATORY: Columbia Laboratories **OREGON ACCREDITATION:** OR100028

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

POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	19.29 mg/serving	20.30 mg/g	2.03 %
Total THC (d9-THC, THCA)	0.66 mg/serving	0.70 mg/g	0.07 %
Cannabigerol (CBG)	0.99 mg/serving	1.04 mg/g	0.10 %
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Cannabichromene (CBC)	0.58 mg/serving	0.61 mg/g	0.06 %
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	0.66 mg/serving	0.70 mg/g	0.07 %
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	<LOQ %

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ µg/serving	<LOQ µg/g	10 µg/day [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	2760	50,000 mg/day
Heptane	<LOQ	50,000 mg/day
None of the 34 residual solvents tested found above limit of quantitation n 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.

Lazarus Naturals

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

BULK SKU GEL.MSL20 **BATCH #** EE26

PRODUCT NAME CBD Muscle Gel **SERVING SIZE** 1 pump (~100 mL)

LABORATORY: Columbia Laboratories **OREGON ACCREDITATION:** OR100028

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

POTENCY	PER SERVING	PER GRAM	Percent
Cannabidiol (CBD)	**18.27 mg/serving**	20.30 mg/g	2.03 %
Total THC (d9-THC, THCA)	**0.63 mg/serving**	0.70 mg/g	0.07 %
Cannabigerol (CBG)	**0.94 mg/serving**	1.04 mg/g	0.10 %
Cannabinol (CBN)	**<LOQ mg/serving**	<LOQ mg/g	<LOQ %
Cannabichromene (CBC)	**0.55 mg/serving**	0.61 mg/g	0.06 %
Tetrahydrocannabinolic Acid (THCA)	**<LOQ mg/serving**	<LOQ mg/g	<LOQ %
Delta-9-THC (d9-THC)	**0.63 mg/serving**	0.70 mg/g	0.07 %
Delta-8-THC (d8-THC)	**<LOQ mg/serving**	<LOQ mg/g	<LOQ %

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	**<LOQ µg/serving**	<LOQ µg/g	10 µg/day [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	2760	50,000 mg/day
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Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-006652/D004.R000
Report Date: 06/21/2022
ORELAP#: OR100028
Purchase Order:
Received: 06/08/22 11:17

Customer: Etz Hayim Holdings
Product identity: FORM-GEL.MSL20-EE26
Client/Metrc ID: .
Laboratory ID: 22-006652-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status
CBC per 1g†	0.607		mg/1g	
CBD per 1g	20.3		mg/1g	
CBDV per 1g†	0.0902		mg/1g	
CBG per 1g†	1.04		mg/1g	
CBT per 1g†	0.300		mg/1g	
Δ9-THC per 1g	0.695		mg/1g	

CBD-Total per 1g	20.3 mg/1g
THC-Total per 1g	0.695 mg/1g

(Reported in milligrams per serving)

Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
Ethanol†	2760		

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.

Testing in accordance with: OAR 333-007-0430

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-006652/D004.R000
Report Date: 06/21/2022
ORELAP#: OR100028
Purchase Order:
Received: 06/08/22 11:17

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

Product identity: FORM-GEL.MSL20-EE26
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-006652-0001
Evidence of Cooling: No
Temp: 22.3 °C
Relinquished by: Client
Serving Size #1: 1 g

Sample Results

Potency per 1g **Method** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2204963 **Analyze:** 6/10/22 9:48:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g†	0.607		mg/1g	0.0316	
CBC-A per 1g†	< LOQ		mg/1g	0.0316	
CBC-Total per 1g†	0.607		mg/1g	0.0593	
CBD per 1g	20.3		mg/1g	0.316	
CBD-A per 1g	< LOQ		mg/1g	0.0316	
CBD-Total per 1g	20.3		mg/1g	0.344	
CBDV per 1g†	0.0902		mg/1g	0.0316	
CBDV-A per 1g†	< LOQ		mg/1g	0.0316	
CBDV-Total per 1g†	0.0902		mg/1g	0.0590	
CBE per 1g†	< LOQ		mg/1g	0.0316	
CBG per 1g†	1.04		mg/1g	0.0316	
CBG-A per 1g†	< LOQ		mg/1g	0.0316	
CBG-Total per 1g†	1.04		mg/1g	0.0590	
CBL per 1g†	< LOQ		mg/1g	0.0316	
CBL-A per 1g†	< LOQ		mg/1g	0.0316	
CBL-Total per 1g†	< LOQ		mg/1g	0.0593	
CBN per 1g	< LOQ		mg/1g	0.0316	
CBT per 1g†	0.300		mg/1g	0.0316	
Δ8-THCV per 1g†	< LOQ		mg/1g	0.0316	
Δ8-THC per 1g†	< LOQ		mg/1g	0.0316	
Δ9-THC per 1g	0.695		mg/1g	0.0316	
exo-THC per 1g†	< LOQ		mg/1g	0.0316	
THC-A per 1g	< LOQ		mg/1g	0.0316	
THC-Total per 1g	0.695		mg/1g	0.0593	
THCV per 1g†	< LOQ		mg/1g	0.0316	
THCV-A per 1g†	< LOQ		mg/1g	0.0316	
THCV-Total per 1g†	< LOQ		mg/1g	0.0593	
Total Cannabinoids per 1g	23.0		mg/1g		

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ORELAP#: OR100028
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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2205096	06/17/22	AOAC 991.14 (Petrifilm)		X
Total Coliforms	< LOQ		cfu/g	10	2205096	06/17/22	AOAC 991.14 (Petrifilm)		X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2205097	06/18/22	AOAC 2014.05 (RAPID)		X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2205097	06/18/22	AOAC 2014.05 (RAPID)		X

Solvents

Method Residual Solvents by GC/MS **Units** µg/g **Batch** 2205208 **Analyze** 06/20/22 09:17 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-Dimethy butane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethy 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†	2760		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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A Tentamus Company

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Pesticides

Method AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2205215 **Analyze** 06/17/22 04:34 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		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0876	2205152	06/15/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0876	2205152	06/15/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.500	mg/kg	0.0876	2205152	06/15/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.100	mg/kg	0.0438	2205152	06/15/22	AOAC 2013.06 (mod.)	pass	X

Columbia LABORATORIES
A Tentamus Company

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

Report Number:	22-006652/D004.R000
Report Date:	06/21/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	06/08/22 11:17

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.

† = Analyte not NELAP accredited.

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

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
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PIXIS Labs
A Tentamus Company

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

Cannabis Chain of Custody Record

ORELAP ID: OR100028

[redacted]

Analysis Requested

Purchase Order Number:
Project Number:
Project Name:

☐ Report Instructions:
☐ Send to State - METRC
☑ Email Final Results:
☐ Fax Final Results
☐ Cash/Check/CC/Net 30
Other:

Field ID	Date/Time Collected		Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: *E.Coli* and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metrc ID
FORM-GEL.MSL20-EE26	6/2/22	4:50	X		X	X				X	X	X						Potency first
																		Laz Nat discount

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time
☑Standard (5 day)	[redacted]					
☐Rush (3-4 day) (1.5x Standard)						
☐Priority Rush (2 day) (2x Standard)						

Lab Use Only:
Client Alias:
Order Number:
Proper Container ✓
Sample Condition ✓
Temperature: 22.3
Shipped Via: drop off
Evidence of cooling: ☐Yes ☒No

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

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

www.pixislabs.com

Page 1 of 2

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-006652/D004.R000
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ORELAP#: OR100028
Purchase Order:
Received: 06/08/22 11:17

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2204963**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.0346	0.033	%	104	80.0 - 120	Acceptable	
CBDV	1	0.0367	0.033	%	110	80.0 - 120	Acceptable	
CBE	1	0.0332	0.033	%	99.7	80.0 - 120	Acceptable	
CBDA	1	0.0337	0.033	%	101	90.0 - 110	Acceptable	
CBGA	1	0.0313	0.033	%	94.0	80.0 - 120	Acceptable	
CBG	1	0.0319	0.033	%	95.7	80.0 - 120	Acceptable	
CBD	1	0.0343	0.033	%	103	90.0 - 110	Acceptable	
THCV	1	0.0332	0.033	%	99.7	80.0 - 120	Acceptable	
d8THCV	1	0.0357	0.033	%	107	80.0 - 120	Acceptable	
THCVA	1	0.0323	0.033	%	96.9	80.0 - 120	Acceptable	
CBN	1	0.0352	0.033	%	106	90.0 - 110	Acceptable	
exo-THC	1	0.0324	0.033	%	97.2	80.0 - 120	Acceptable	
d9THC	1	0.0331	0.033	%	99.3	90.0 - 110	Acceptable	
d8THC	1	0.0330	0.033	%	98.9	80.0 - 120	Acceptable	
CBL	1	0.0318	0.033	%	95.4	80.0 - 120	Acceptable	
CBC	1	0.0363	0.033	%	109	80.0 - 120	Acceptable	
THCA	1	0.0325	0.033	%	97.4	90.0 - 110	Acceptable	
CBCA	1	0.0354	0.033	%	106	80.0 - 120	Acceptable	
CBLA	1	0.0356	0.033	%	107	80.0 - 120	Acceptable	
CBT	1	0.0359	0.033	%	108	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent

Columbia LABORATORIES
A Tentamus Company

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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: 2204963**

Sample Duplicate Sample D **22-006646-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0162	0.0156	0.003	%	3.87	< 20	Acceptable	
CBE	0.0222	0.0212	0.003	%	4.41	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0405	0.0386	0.003	%	4.70	< 20	Acceptable	
CBD	1.98	1.75	0.003	%	12.4	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0140	0.0134	0.003	%	4.19	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.171	0.167	0.003	%	2.37	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.105	0.102	0.003	%	3.18	< 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	0.0967	0.101	0.003	%	4.66	< 20	Acceptable	

Abbreviations

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

Units of Measure:

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-006652/D004.R000
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Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2205208

Method Blank					Laboratory Control Sample						
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**		**Notes**
Propane	ND	<	200		539	572	µg/g	94.2	60	120	
Isobutane	ND	<	200		705	731	µg/g	96.4	60	120	
Butane	ND	<	200		674	731	µg/g	92.2	60	120	
2,2 Dimethylpropane	ND	<	200		872	936	µg/g	93.2	60	120	
Methanol	ND	<	200		1510	1650	µg/g	91.5	60	120	
Ethylene Oxide	ND	<	30		55.7	56.2	µg/g	99.1	60	120	
2 Methylbutane	ND	<	200		1460	1620	µg/g	90.1	60	120	
Pentane	ND	<	200		1460	1610	µg/g	90.7	60	120	
Ethanol	ND	<	200		1430	1620	µg/g	88.3	70	130	
Ethyl Ether	ND	<	200		1450	1600	µg/g	90.6	60	120	
2,2 Dimethylbutane	ND	<	30		151	167	µg/g	90.4	60	120	
Acetone	ND	<	200		1470	1620	µg/g	90.7	60	120	
2 Propanol	ND	<	200		1460	1610	µg/g	90.7	60	120	
Ethyl Formate	ND	<	500		1300	1620	µg/g	80.2	70	130	
Acetonitrile	ND	<	100		571	635	µg/g	89.9	60	120	
Methyl Acetate	ND	<	500		1330	1630	µg/g	81.6	70	130	
2,3 Dimethylbutane	ND	<	30		140	177	µg/g	79.1	60	120	
Dichloromethane	ND	<	60		494	498	µg/g	99.2	60	120	
2 Methylpentane	ND	<	30		137	166	µg/g	82.5	60	120	
M BE	ND	<	500		1370	1600	µg/g	85.6	70	130	
3 Methylpentane	ND	<	30		159	175	µg/g	90.9	60	120	
Hexane	ND	<	30		158	174	µg/g	90.8	60	120	
1 Propanol	ND	<	500		1200	1620	µg/g	74.1	70	130	
Methylethylketone	ND	<	500		1250	1600	µg/g	78.1	70	130	
Ethyl acetate	ND	<	200		1420	1610	µg/g	88.2	60	120	
2 Butanol	ND	<	200		1460	1620	µg/g	90.1	60	120	
etrahydrofuran	ND	<	100		430	507	µg/g	84.8	60	120	
Cyclohexane	ND	<	200		1470	1610	µg/g	91.3	60	120	
2 methyl 1 propanol	ND	<	500		1170	1640	µg/g	71.3	70	130	
Benzene	ND	<	1		4.48	5.22	µg/g	85.8	60	120	
Isopropyl Acetate	ND	<	200		1450	1610	µg/g	90.1	60	120	
Heptane	ND	<	200		1410	1610	µg/g	87.6	60	120	
1 Butanol	ND	<	500		1320	1610	µg/g	82.0	70	130	
Propyl Acetate	ND	<	500		1290	1610	µg/g	80.1	70	130	
1,4 Dioxane	ND	<	100		470	508	µg/g	92.5	60	120	
2 Ethoxyethanol	ND	<	30		137	165	µg/g	83.0	60	120	
Methylisobutylketone	ND	<	500		1180	1610	µg/g	73.3	70	130	
3 Methyl 1 butanol	ND	<	500		1280	1600	µg/g	80.0	70	130	
Ethylene Glycol	ND	<	200		486	492	µg/g	98.8	60	120	
oluene	ND	<	100		449	497	µg/g	90.3	60	120	
Isobutyl Acetate	ND	<	500		1290	1610	µg/g	80.1	70	130	
1 Pentanol	ND	<	500		1200	1600	µg/g	75.0	70	130	
Butyl Acetate	ND	<	500		1360	1610	µg/g	84.5	70	130	
Ethylbenzene	ND	<	200		904	980	µg/g	92.2	60	120	
m,p Xylene	ND	<	200		896	985	µg/g	91.0	60	120	
o Xylene	ND	<	200		888	965	µg/g	92.0	60	120	
Cumene	ND	<	30		159	168	µg/g	94.6	60	120	
Anisole	ND	<	500		1340	1600	µg/g	83.8	70	130	
DMSO	ND	<	500		1110	1610	µg/g	68.9	70	130	Q6
1,2 dimethoxyethane	ND	<	50		134	165	µg/g	81.2	70	130	
riethylamine	ND	<	500		1070	1620	µg/g	66.0	70	130	Q6
N,N dimethylformamide	ND	<	150		363	481	µg/g	75.5	70	130	
N,N dimethylacetamide	ND	<	150		349	480	µg/g	72.7	70	130	
Pyridine	ND	<	50		140	171	µg/g	81.9	70	130	
1,2 Dichloroethane	ND	<	1		0.867	1	µg/g	86.7	70	130	
Chloroform	ND	<	1		0.848	1	µg/g	84.8	70	130	
richloroethylene	ND	<	1		0.875	1	µg/g	87.5	70	130	

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QC - Sample Duplicate **Sample ID: 22-006833-0002**

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	
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	
etrahydrofuran	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	
riethylamine	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	
richloroethylene	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

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
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Laboratory Pesticide Quality Control Results

AOAC 2007.1 &EN 15662			Units: mg/Kg				Batch ID: 2205215			
Method Blank				Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Re	Limits			Notes
Abamectin	0.000	< 0.250		0.980	1.000	98.0	50.0	150		
Acephate	0.000	< 0.250		0.898	1.000	89.8	60.0	120		
Acequinocyl	0.000	< 1.000		3.041	4.000	76.0	40.0	160		
Acetamiprid	0.000	< 0.100		0.366	0.400	91.5	60.0	120		
Aldicarb	0.000	< 0.200		0.733	0.800	91.6	60.0	120		
Azoxystrobin	0.001	< 0.100		0.368	0.400	92.1	60.0	120		
Bifenazate	0.000	< 0.100		0.363	0.400	90.7	60.0	120		
Bifenthrin	0.000	< 0.100		0.321	0.400	80.1	50.0	150		
Boscalid	0.000	< 0.200		0.686	0.800	85.7	60.0	120		
Carbaryl	0.000	< 0.100		0.366	0.400	91.6	60.0	120		
Carbofuran	0.000	< 0.100		0.355	0.400	88.7	60.0	120		
Chlorantraniliprole	0.000	< 0.100		0.350	0.400	87.5	60.0	120		
Chlorfenapyr	0.000	< 0.500		2.131	2.000	106.6	60.0	120		
Chlorpyrifos	0.000	< 0.100		0.398	0.400	99.5	60.0	120		
Clofentezine	0.000	< 0.100		0.159	0.400	39.8	60.0	120		Q6
Cyfluthrin	0.000	< 0.500		1.928	2.000	96.4	50.0	150		
Cypermethrin	0.000	< 0.500		1.849	2.000	92.5	50.0	150		
Daminozide	0.011	< 0.500		0.627	2.000	31.4	60.0	120		Q6
Diazinon	0.000	< 0.100		0.368	0.400	91.9	60.0	120		
Dichlorvos	0.000	< 0.500		2.066	2.000	103.3	60.0	120		
Dimethoate	0.000	< 0.100		0.378	0.400	94.6	60.0	120		
Ethoprophos	0.000	< 0.100		0.364	0.400	90.9	60.0	120		
Etofenprox	0.000	< 0.200		0.687	0.800	85.9	50.0	150		
Etoxazole	0.000	< 0.100		0.393	0.400	98.1	60.0	120		
Fenoxycarb	0.000	< 0.100		0.353	0.400	88.2	60.0	120		
Fenpyroximate	0.000	< 0.200		0.755	0.800	94.4	60.0	120		
Fipronil	0.000	< 0.200		0.663	0.800	82.9	60.0	120		
Flonicamid	0.000	< 0.250		0.898	1.000	89.8	60.0	120		
Fludioxonil	0.000	< 0.200		0.793	0.800	99.1	50.0	150		
Hexythiazox	0.000	< 0.250		0.978	1.000	97.8	60.0	120		
Imazalil	0.000	< 0.100		0.266	0.400	66.4	60.0	120		
Imidacloprid	0.000	< 0.200		0.730	0.800	91.2	60.0	120		
Kresoxim-methyl	0.000	< 0.200		0.733	0.800	91.6	60.0	120		
Malathion	0.000	< 0.100		0.357	0.400	89.3	60.0	120		
Metalaxyl	0.009	< 0.100		0.353	0.400	88.3	60.0	120		
Methiocarb	0.000	< 0.100		0.363	0.400	90.7	60.0	120		
Methomyl	0.000	< 0.200		0.745	0.800	93.1	60.0	120		
MGK-264	0.000	< 0.100		0.369	0.400	92.3	50.0	150		
Myclobutanil	0.000	< 0.100		0.375	0.400	93.7	60.0	120		
Naled	0.000	< 0.250		0.386	1.000	38.6	50.0	150		Q6
Oxamyl	0.000	< 0.500		1.728	2.000	86.4	60.0	120		
Paclobutrazole	0.000	< 0.200		0.711	0.800	88.9	60.0	120		
Parathion-Methyl	0.000	< 0.200		0.597	0.800	74.6	50.0	150		
Permethrin	0.000	< 0.100		0.370	0.400	92.5	50.0	150		
Phosmet	0.000	< 0.100		0.346	0.400	86.6	50.0	150		
Piperonyl butoxide	0.035	< 0.500		1.887	2.000	94.3	60.0	120		
Prallethrin	0.000	< 0.100		0.366	0.400	91.4	60.0	120		
Propiconazole	0.000	< 0.200		0.706	0.800	88.2	60.0	120		
Propoxur	0.003	< 0.100		0.372	0.400	93.0	60.0	120		
Pyrethrin (Summe)	0.016	< 0.100		0.418	0.413	101.3	60.0	120		
Pyridaben	0.000	< 0.100		0.376	0.400	94.1	50.0	150		
Spinosad	0.000	< 0.100		0.402	0.388	103.7	50.0	150		
Spiromesifen	0.000	< 0.100		0.394	0.400	98.5	60.0	120		
Spirotetramat	0.000	< 0.100		0.358	0.400	89.5	60.0	120		
Spiroxamine	0.000	< 0.200		0.707	0.800	88.4	60.0	120		
Tebuconazole	0.000	< 0.200		0.721	0.800	90.1	60.0	120		
Thiadoprid	0.000	< 0.100		0.358	0.400	89.5	60.0	120		
Thiamethoxam	0.000	< 0.100		0.331	0.400	82.8	60.0	120		
Trifloxystrobin	0.000	< 0.100		0.371	0.400	92.8	60.0	120		

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Laboratory Pesticide Quality Control Results

AOAC 2007.1 &EN 15662 | Units: mg/Kg | Batch ID: 2205215

Matrix Spke/Matrix Spke Duplicate Recoveries | Sample ID: 22-0069080001

Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	1.166	1.248	1.000	6.8%	< 30	116.6%	124.8%	50 - 150	
Acephate	0.000	1.214	1.224	1.000	0.8%	< 30	121.4%	122.4%	50 - 150	
Acequinocyl	0.000	4.787	4.899	4.000	2.3%	< 30	119.7%	122.5%	50 - 150	
Acetamiprid	0.000	0.490	0.502	0.400	2.4%	< 30	122.5%	125.5%	50 - 150	
Aldicarb	0.000	0.903	0.934	0.800	3.4%	< 30	112.8%	116.7%	50 - 150	
Azoxystrobin	0.204	0.709	0.744	0.400	6.6%	< 30	126.4%	135.0%	50 - 150	
Bifenazate	0.000	0.463	0.476	0.400	2.8%	< 30	115.8%	119.1%	50 - 150	
Bifenthrin	0.028	0.377	0.391	0.400	3.7%	< 30	87.4%	90.7%	50 - 150	
Boscalid	0.000	0.985	0.989	0.800	0.4%	< 30	123.1%	123.6%	50 - 150	
Carbaryl	0.000	0.487	0.494	0.400	1.3%	< 30	121.9%	123.4%	50 - 150	
Carbofuran	0.000	0.527	0.547	0.400	3.8%	< 30	131.7%	136.8%	50 - 150	
Chlorantraniliprole	0.000	0.368	0.383	0.400	3.9%	< 30	92.0%	95.8%	50 - 150	
Chlorfenapyr	0.000	3.969	3.864	2.000	2.7%	< 30	198.4%	193.2%	50 - 150	Q
Chlorpyrifos	0.000	0.725	0.752	0.400	3.7%	< 30	181.2%	188.0%	50 - 150	Q
Clofentezine	0.000	0.380	0.366	0.400	3.7%	< 30	95.0%	91.6%	50 - 150	
Cyfluthrin	0.000	1.962	1.914	2.000	2.5%	< 30	98.1%	95.7%	30 - 150	
Cypermethrin	0.000	2.039	2.087	2.000	2.3%	< 30	102.0%	104.3%	50 - 150	
Daminozide	0.011	1.116	1.156	2.000	3.6%	< 30	55.2%	57.2%	30 - 150	
Diazinon	0.000	0.461	0.476	0.400	3.1%	< 30	115.3%	119.0%	50 - 150	
Dichlorvos	0.000	2.256	2.310	2.000	2.4%	< 30	112.8%	115.5%	50 - 150	
Dimethoate	0.000	0.503	0.514	0.400	2.2%	< 30	125.6%	128.4%	50 - 150	
Ethoprophos	0.000	0.462	0.477	0.400	3.1%	< 30	115.6%	119.2%	50 - 150	
Etofenprox	0.000	1.603	1.686	0.800	5.0%	< 30	200.3%	210.7%	50 - 150	Q
Etoxazole	0.000	0.772	0.800	0.400	3.5%	< 30	193.0%	199.9%	50 - 150	Q
Fenoxycarb	0.000	0.456	0.475	0.400	4.0%	< 30	114.1%	118.8%	50 - 150	
Fenpyroximate	0.000	0.987	1.033	0.800	4.5%	< 30	123.4%	129.1%	50 - 150	
Fipronil	0.000	1.083	1.113	0.800	2.7%	< 30	135.4%	139.1%	50 - 150	
Flonicamid	0.000	0.879	0.904	1.000	2.8%	< 30	87.9%	90.4%	50 - 150	
Fludioxonil	0.158	0.976	1.009	0.800	3.9%	< 30	102.3%	106.3%	50 - 150	
Hexythiazox	0.000	2.026	2.119	1.000	4.5%	< 30	202.6%	211.9%	50 - 150	Q
Imazalil	0.000	0.340	0.356	0.400	4.6%	< 30	84.9%	88.9%	50 - 150	
Imidacloprid	0.000	0.606	0.632	0.800	4.3%	< 30	75.7%	79.0%	50 - 150	
Kresoxim-methyl	0.000	0.989	1.041	0.800	5.1%	< 30	123.6%	130.1%	50 - 150	
Malathion	0.000	0.517	0.526	0.400	1.6%	< 30	129.3%	131.4%	50 - 150	
Metalaxyl	0.000	0.425	0.432	0.400	1.6%	< 30	106.3%	108.0%	50 - 150	
Methiocarb	0.000	0.425	0.436	0.400	2.7%	< 30	106.1%	109.0%	50 - 150	
Methomyl	0.000	0.716	0.829	0.800	14.6%	< 30	89.5%	103.6%	50 - 150	
MGK-264	0.000	0.406	0.414	0.400	2.0%	< 30	101.4%	103.5%	50 - 150	
Myclobutanil	0.000	0.442	0.467	0.400	5.7%	< 30	110.4%	116.8%	50 - 150	
Naled	0.000	1.139	1.165	1.000	2.3%	< 30	113.9%	116.5%	50 - 150	
Oxamyl	0.000	1.834	2.065	2.000	11.9%	< 30	91.7%	103.3%	50 - 150	
Padobutrazole	0.000	0.924	0.932	0.800	0.9%	< 30	115.4%	116.5%	50 - 150	
Parathion-Methyl	0.000	1.230	1.201	0.800	2.4%	< 30	153.7%	150.1%	30 - 150	Q
Permethrin	0.000	0.525	0.533	0.400	1.6%	< 30	131.2%	133.3%	50 - 150	
Phosmet	0.000	0.472	0.485	0.400	2.8%	< 30	117.9%	121.3%	50 - 150	
Piperonyl butoxide	0.059	2.226	2.303	2.000	3.5%	< 30	108.4%	112.2%	50 - 150	
Prallethrin	0.000	0.352	0.360	0.400	2.4%	< 30	87.9%	90.1%	50 - 150	
Propiconazole	0.315	1.456	1.516	0.800	5.2%	< 30	142.6%	150.2%	50 - 150	Q
Propoxur	0.000	0.504	0.510	0.400	1.2%	< 30	125.9%	127.4%	50 - 150	
Pyrethrin (Summe)	0.000	0.594	0.618	0.413	4.0%	< 30	143.7%	149.6%	50 - 150	
Pyridaben	0.000	0.746	0.779	0.400	4.3%	< 30	186.4%	194.7%	50 - 150	Q
Spinosad	0.000	0.627	0.654	0.388	4.2%	< 30	161.7%	168.6%	50 - 150	Q
Spiromesifen	0.000	0.766	0.792	0.400	3.4%	< 30	191.5%	198.0%	50 - 150	Q
Spirotetramat	0.000	0.383	0.393	0.400	2.7%	< 30	95.8%	98.4%	50 - 150	
Spiroxamine	0.000	0.873	0.912	0.800	4.4%	< 30	109.1%	114.0%	50 - 150	
Tebuconazole	0.000	0.948	0.982	0.800	3.5%	< 30	118.5%	122.7%	50 - 150	
Thiadoprid	0.000	0.481	0.498	0.400	3.3%	< 30	120.3%	124.4%	50 - 150	
Thiamethoxam	0.000	0.330	0.362	0.400	9.2%	< 30	82.6%	90.6%	50 - 150	
Trifloxystrobin	0.010	0.645	0.664	0.400	3.0%	< 30	158.6%	163.5%	50 - 150	Q

Columbia LABORATORIES
A Tentamus Company

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

Report Number:	22-006652/D004.R000
Report Date:	06/21/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	06/08/22 11:17

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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	Quantitaion 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.