



This is an amended version of report# 25-000331/D001.R000.

Reason: Product photo attached

Customer: Wildwood Ventures, LLC
Product identity: 122024 CBD Live resin
Metrc ID: .
Metrc Source ID:
Laboratory ID: 25-000331-0001

Summary

Potency:

Analyte	Result (%)		● CBD-A ● CBC-A ● Δ9-THC-A ● CBG-A ● CBD ● CBDV-A ● Δ9-THC ● CBG	CBD-Total [±]	54.5%
CBD-A	61.3			Delta-9-THC-Total [±]	2.51%
CBC-A	3.24			(Reported in percent of total sample)	
Δ9-THC-A	2.68				
CBG-A	0.975				
CBD	0.761				
CBDV-A	0.296				
Δ9-THC	0.158				
CBG	0.118				

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



Customer: Wildwood Ventures, LLC
 23355 S Kamrath Rd
 Oregon City Oregon 97045
 United States of America (USA)

Product identity: 122024 CBD Live resin

Metric ID: .

Metric Source ID:

Material: Cannabinoid Extract

Sample Date:

Laboratory ID: 25-000331-0001

Evidence of Cooling: No

Temp: 18.8 °C

Lot #: 122024 CBD LR

Serving Size #1: 1.03 g

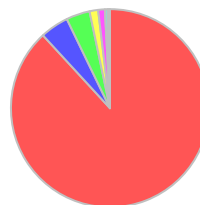
Density: 1.030 g/ml



Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)^b **Units %** **Batch:** 2500293 **Analyze:** 1/14/25 5:19:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0672	
CBC-A	3.24		0.0672	
CBC-Total	2.84		0.126	
CBD [⊥]	0.761		0.0672	
CBD-A [⊥]	61.3		0.672	
CBD-Total [⊥]	54.5		0.657	
CBDV	< LOQ		0.0672	
CBDV-A	0.296		0.0672	
CBDV-Total	0.257		0.125	
CBE	< LOQ		0.0672	
CBG	0.118		0.0672	
CBG-A	0.975		0.0672	
CBG-Total	0.974		0.125	
CBL	< LOQ		0.0672	
CBL-A	< LOQ		0.0672	
CBL-Total	< LOQ		0.126	
CBN	< LOQ		0.0672	
CBT	< LOQ		0.0672	
Δ10-THC-9R	< LOQ		0.0672	
Δ10-THC-9S	< LOQ		0.0672	
Δ10-THC-Total	< LOQ		0.134	
Δ8-THC [⊥]	< LOQ		0.0672	
Δ8-THCV	< LOQ		0.0672	
Δ9-THC [⊥]	0.158		0.0672	
Δ9-THC-A [⊥]	2.68		0.0672	
Δ9-THC-Total [⊥]	2.51		0.126	



- CBD-A
- CBC-A
- Δ9-THC-A
- CBG-A
- CBD
- CBDV-A
- Δ9-THC
- CBG



Potency	Method: J AOAC 2015 V98-6 (mod) ^b			Units %	Batch: 2500293	Analyze: 1/14/25 5:19:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
Δ9-THCP	< LOQ		0.0672			
Δ9-THCV	< LOQ		0.0672			
Δ9-THCV-A	< LOQ		0.0672			
Δ9-THCV-Total	< LOQ		0.125			
exo-THC	< LOQ		0.0672			
Total Cannabinoids	69.5					

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2500258	01/16/25 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2500258	01/16/25 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2500259	01/17/25 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2500259	01/17/25 AOAC 2014.05 (RAPID)		

Solvents	Method: Residual Solvents by HS-GC-MS ^b					Units µg/g	Batch 2500322	Analyze 01/15/25 03:38 PM			
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		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)	Units mg/kg	Batch 2500348	Analyze 01/16/25 11:40 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [±]	< LOQ	0.50	0.250	pass		Acephate [±]	< LOQ	0.40	0.200	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-ethyl [±]	< LOQ	0.20	0.100	pass	
Clofentezine [±]	< LOQ	0.20	0.100	pass		Cyfluthrin (sum) [±]	< LOQ	1.0	0.500	pass	
Cypermethrin and	< 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	0.100	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	0.100	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	0.0872	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [±]	< LOQ	0.200	mg/kg	0.0872	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		
Lead [±]	< LOQ	0.500	mg/kg	0.0872	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		
Mercury [±]	< LOQ	0.100	mg/kg	0.0436	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		

**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

µg/g = Microgram per gram

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

% = Percentage of sample

% wt = µg/g divided by 10,000



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



Report Number: 25-000331/D001.R001
Report Date: 02/12/2025
ORELAP#: OR100028
Purchase Order:
Received: 01/13/25 09:18



Hemp & Cannabis
Chain of Custody

Woodstock-consulting-
LLC-1735326710

Company Details Company: <u>Woodstock consulting LLC</u> Contact: <u>Jacob Goodlaxson</u> Street Address: <u>1160 nw 5th pl</u> City, State, Zip: <u>canby, OR 97013</u> Email: <u>jacob@discoverwildwood.com</u> Email, CC: <u>jason@discoverwildwood.com</u> Contact Phone: <u>8658984249</u> Company Phone: <u>5034074500</u> Billing Information Billing Phone: <u>5034074500</u> Billing Email: <u>jacob@discoverwildwood.com</u>				Project Details Turnaround Time: <u>5 Business Days Reg. For Micro Testing Standard</u> Relinquishment Sampling, Courier & Shipping Options: <u>Drop Off at Laboratory</u> License Type: <u>ODA</u> License #: <u>ACR10890921HH</u> Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves			Testing
							Ch001- Standard Potency +Safety Package
#	Sample Name	Lot Additional Sample ID	Material	Amount Provided	Reporting Unit	Density (if known)	
1	122024 CBD Live resin	122024 CBD LR	Cannabinoid Extract	17 g	mg/mL	103 g	✓

Package Details

Standard Potency +Safety Package: Cannabis Heavy Metals Pro le OR • E. coli/ Coliform Count (EC) Petri Im • Pesticides (OR - Cannabis) • Potency Cannabis (Basic+Expanded) • RAPID Yeast and Mold Count (RYM) Petri Im • Residual Solvents (Cannabis - Oregon)

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
Jacob Goodlaxson	12/27/2024	11:11	ort	01/13/2025	09:18	18.8	CL - 1196

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories
12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794
info@columbialaboratories.com

Page 1 of 1
www.columbialaboratories.com


Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2500293**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0771	0.0738	%	104	80.0 - 120	Acceptable	
CBDV	2	0.0820	0.0786	%	104	80.0 - 120	Acceptable	
CBE	2	0.0830	0.0793	%	105	80.0 - 120	Acceptable	
CBDA	1	0.0794	0.0788	%	101	90.0 - 110	Acceptable	
CBGA	1	0.0778	0.0771	%	101	80.0 - 120	Acceptable	
CBG	1	0.0769	0.0751	%	102	80.0 - 120	Acceptable	
CBD	1	0.0745	0.0740	%	101	90.0 - 110	Acceptable	
THCV	2	0.0820	0.0788	%	104	80.0 - 120	Acceptable	
d8THCV	2	0.0819	0.0804	%	102	80.0 - 120	Acceptable	
THCVA	2	0.0789	0.0720	%	110	80.0 - 120	Acceptable	
CBN	1	0.0736	0.0724	%	102	80.0 - 120	Acceptable	
exo-THC	2	0.0747	0.0733	%	102	80.0 - 120	Acceptable	
d9THC	1	0.0758	0.0741	%	102	90.0 - 110	Acceptable	
d8THC	1	0.0750	0.0760	%	98.7	90.0 - 110	Acceptable	
9S-d10THC	1	0.0781	0.0783	%	99.8	80.0 - 120	Acceptable	
CBL	2	0.0739	0.0744	%	99.4	80.0 - 120	Acceptable	
9R-d10THC	1	0.0811	0.0813	%	99.8	80.0 - 120	Acceptable	
CBC	2	0.0804	0.0783	%	103	80.0 - 120	Acceptable	
THCA	1	0.0781	0.0791	%	98.8	90.0 - 110	Acceptable	
CBCA	2	0.0796	0.0760	%	105	80.0 - 120	Acceptable	
CBLA	2	0.0805	0.0771	%	104	80.0 - 120	Acceptable	
d9THCP	2	0.0760	0.0753	%	101	80.0 - 120	Acceptable	
CBT	2	0.0763	0.0790	%	96.6	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBDV	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBE	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBDA	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBGA	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBG	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBD	<LOQ	0.0751	%	< 0.0751	Acceptable	
THCV	<LOQ	0.0751	%	< 0.0751	Acceptable	
d8THCV	<LOQ	0.0751	%	< 0.0751	Acceptable	
THCVA	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBN	<LOQ	0.0751	%	< 0.0751	Acceptable	
exo-THC	<LOQ	0.0751	%	< 0.0751	Acceptable	
d9THC	<LOQ	0.0751	%	< 0.0751	Acceptable	
d8THC	<LOQ	0.0751	%	< 0.0751	Acceptable	
9S-d10THC	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBL	<LOQ	0.0751	%	< 0.0751	Acceptable	
9R-d10THC	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBC	<LOQ	0.0751	%	< 0.0751	Acceptable	
THCA	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBCA	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBLA	<LOQ	0.0751	%	< 0.0751	Acceptable	
d9THCP	<LOQ	0.0751	%	< 0.0751	Acceptable	
CBT	<LOQ	0.0751	%	< 0.0751	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent


Laboratory Quality Control Results

J AOAC 2015 V98-6			Batch ID: 2500293					
Sample Duplicate			Sample ID: 25-000285-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.787	0.799	0.0681	%	1.53	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBDA	7.04	7.12	0.0681	%	1.21	< 20	Acceptable	
CBGA	0.165	0.160	0.0681	%	2.92	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBD	0.196	0.209	0.0681	%	6.07	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBN	11.7	11.9	0.0681	%	1.63	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
d9THC	4.26	4.55	0.0681	%	6.67	< 20	Acceptable	
d8THC	64.5	65.5	0.0681	%	1.51	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
THCA	0.242	0.227	0.0681	%	6.58	< 20	Acceptable	
CBCA	0.256	0.289	0.0681	%	12.2	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.0681	%	NA	< 20	Acceptable	
CBT	0.0730	0.0888	0.0681	%	19.6	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent


Laboratory Quality Control Results

Residual Solvents					Batch ID: 2500322				
Method Blank					Laboratory Control Sample				
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		556	585	µg/g	95.0	60 - 120	
Isobutane	ND	< 200		700	770	µg/g	90.9	60 - 120	
Butane	ND	< 200		716	769	µg/g	93.1	60 - 120	
2,2-Dimethylpropane	ND	< 200		886	956	µg/g	92.7	60 - 120	
Methanol	ND	< 200		1560	1620	µg/g	96.3	60 - 120	
Ethylene Oxide	ND	< 30		55.5	57.7	µg/g	96.2	60 - 120	
2-Methylbutane	ND	< 200		1530	1640	µg/g	93.3	60 - 120	
Pentane	ND	< 200		1560	1640	µg/g	95.1	60 - 120	
Ethanol	ND	< 200		1560	1620	µg/g	96.3	70 - 130	
Ethyl Ether	ND	< 200		1580	1630	µg/g	96.9	60 - 120	
2,2-Dimethylbutane	ND	< 30		198	212	µg/g	93.4	60 - 120	
Acetone	ND	< 200		1580	1630	µg/g	96.9	60 - 120	
2-Propanol	ND	< 200		1590	1620	µg/g	98.1	60 - 120	
Ethyl Formate	ND	< 500		1200	1600	µg/g	75.0	70 - 130	
Acetonitrile	ND	< 100		473	504	µg/g	93.8	60 - 120	
Methyl Acetate	ND	< 500		1530	1600	µg/g	95.6	70 - 130	
2,3-Dimethylbutane	ND	< 30		193	189	µg/g	102.1	60 - 120	
Dichloromethane	ND	< 60		491	538	µg/g	91.3	60 - 120	
2-Methylpentane	ND	< 30		180	182	µg/g	98.9	60 - 120	
MTBE	ND	< 500		1510	1600	µg/g	94.4	70 - 130	
3-Methylpentane	ND	< 30		176	179	µg/g	98.3	60 - 120	
Hexane	ND	< 30		174	178	µg/g	97.8	60 - 120	
1-Propanol	ND	< 500		1510	1600	µg/g	94.4	70 - 130	
Methylethylketone	ND	< 500		1530	1600	µg/g	95.6	70 - 130	
Ethyl acetate	ND	< 200		1580	1620	µg/g	97.5	60 - 120	
2-Butanol	ND	< 200		1600	1620	µg/g	98.8	60 - 120	
Tetrahydrofuran	ND	< 100		494	511	µg/g	96.7	60 - 120	
Cyclohexane	ND	< 200		1560	1620	µg/g	96.3	60 - 120	
2-methyl-1-propanol	ND	< 500		1510	1600	µg/g	94.4	70 - 130	
Benzene	ND	< 1		5.73	6.03	µg/g	95.0	60 - 120	
Isopropyl Acetate	ND	< 200		1620	1620	µg/g	100.0	60 - 120	
Heptane	ND	< 200		1610	1620	µg/g	99.4	60 - 120	
1-Butanol	ND	< 500		1540	1600	µg/g	96.3	70 - 130	
Propyl Acetate	ND	< 500		1600	1610	µg/g	99.4	70 - 130	
1,4-Dioxane	ND	< 100		499	503	µg/g	99.2	60 - 120	
2-Ethoxyethanol	ND	< 30		174	176	µg/g	98.9	60 - 120	
Methylisobutylketone	ND	< 500		1550	1610	µg/g	96.3	70 - 130	
3-Methyl-1-butanol	ND	< 500		1520	1600	µg/g	95.0	70 - 130	
Ethylene Glycol	ND	< 200		453	501	µg/g	90.4	60 - 120	
Toluene	ND	< 100		536	543	µg/g	98.7	60 - 120	
Isobutyl Acetate	ND	< 500		1570	1600	µg/g	98.1	70 - 130	
1-Pentanol	ND	< 500		1560	1600	µg/g	97.5	70 - 130	
Butyl Acetate	ND	< 500		1570	1600	µg/g	98.1	70 - 130	
Ethylbenzene	ND	< 200		951	983	µg/g	96.7	60 - 120	
m,p-Xylene	ND	< 200		994	1030	µg/g	96.5	60 - 120	
o-Xylene	ND	< 200		960	979	µg/g	98.1	60 - 120	
Cumene	ND	< 30		171	183	µg/g	93.4	60 - 120	
Anisole	ND	< 500		1610	1610	µg/g	100.0	70 - 130	
DMSO	ND	< 500		1450	1600	µg/g	90.6	70 - 130	
1,2-dimethoxyethane	ND	< 50		159	164	µg/g	97.0	70 - 130	
Triethylamine	ND	< 500		1490	1600	µg/g	93.1	70 - 130	
N,N-dimethylformamide	ND	< 150		442	481	µg/g	91.9	70 - 130	
N,N-dimethylacetamide	ND	< 150		516	486	µg/g	106.2	70 - 130	
Pyridine	ND	< 50		160	168	µg/g	95.2	70 - 130	
Sulfolane	ND	< 50		136	165	µg/g	82.4	70 - 130	
1,2-Dichloroethane	ND	< 1		1.1	1	µg/g	110.0	70 - 130	
Chloroform	ND	< 1		1.09	1	µg/g	109.0	70 - 130	
Trichloroethylene	ND	< 1		1.05	1	µg/g	105.0	70 - 130	
1,1-Dichloroethane	ND	< 1		1.04	1	µg/g	104.0	70 - 130	


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

QC - Sample Duplicate
Sample ID: 25-000245-0001

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

Units of Measure:

µg/g- Microgram per gram or ppm



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662				Units: mg/Kg		Batch ID: 2500348		
Method Blank				Laboratory Control Sample				
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.870	1.000	87.0	50.0 150	
Acephate	0.000	< 0.200		0.929	0.800	116.2	60.0 120	
Acequinocyl	0.000	< 1.000		3.142	4.000	78.5	40.0 160	
Acetamiprid	0.000	< 0.100		0.475	0.400	118.7	60.0 120	
Aldicarb	0.000	< 0.200		1.021	0.800	127.6	60.0 120	Q1
Azoxystrobin	0.000	< 0.100		0.440	0.400	110.0	60.0 120	
Bifenazate	0.000	< 0.100		0.390	0.400	97.5	60.0 120	
Bifenthrin	0.000	< 0.100		0.353	0.400	88.3	50.0 150	
Boscalid	0.000	< 0.200		0.952	0.800	118.9	60.0 120	
Carbaryl	0.000	< 0.100		0.468	0.400	116.9	60.0 120	
Carbofuran	0.000	< 0.100		0.484	0.400	121.0	60.0 120	Q1
Chlorantraniliprole	0.000	< 0.100		0.502	0.400	125.6	60.0 120	Q1
Chlorfenapyr	0.000	< 0.500		1.780	2.000	89.0	60.0 120	
Chlorpyrifos	0.000	< 0.100		0.364	0.400	91.1	60.0 120	
Clofentezine	0.000	< 0.100		0.395	0.400	98.8	60.0 120	
Cyfluthrin	0.000	< 0.500		2.260	2.000	113.0	50.0 150	
Cypermethrin	0.000	< 0.500		2.001	2.000	100.0	50.0 150	
Daminozide	0.000	< 0.500		3.148	2.000	157.4	60.0 120	Q1
Diazinon	0.000	< 0.100		0.398	0.400	99.4	60.0 120	
Dichlorvos	0.000	< 0.500		2.508	2.000	125.4	60.0 120	Q1
Dimethoate	0.000	< 0.100		0.507	0.400	126.8	60.0 120	Q1
Ethoprophos	0.000	< 0.100		0.452	0.400	113.0	60.0 120	
Etofenprox	0.000	< 0.200		0.719	0.800	89.9	50.0 150	
Etoxazole	0.000	< 0.100		0.404	0.400	100.9	60.0 120	
Fenoxycarb	0.000	< 0.100		0.398	0.400	99.5	60.0 120	
Fenpyroximate	0.000	< 0.200		0.815	0.800	101.9	60.0 120	
Fipronil	0.000	< 0.200		0.930	0.800	116.2	60.0 120	
Flonicamid	0.000	< 0.250		1.276	1.000	127.6	60.0 120	Q1
Fludioxonil	0.000	< 0.200		0.761	0.800	95.1	50.0 150	
Hexythiazox	0.000	< 0.250		1.032	1.000	103.2	60.0 120	
Imazalil	0.000	< 0.100		0.428	0.400	107.1	60.0 120	
Imidacloprid	0.000	< 0.200		0.924	0.800	115.5	60.0 120	
Kresoxim-methyl	0.000	< 0.200		0.844	0.800	105.5	60.0 120	
Malathion	0.000	< 0.100		0.452	0.400	113.0	60.0 120	
Metalaxyl	0.000	< 0.100		0.445	0.400	111.2	60.0 120	
Methiocarb	0.000	< 0.100		0.500	0.400	125.1	60.0 120	Q1
Methomyl	0.000	< 0.200		0.844	0.800	105.5	60.0 120	
MGK-264	0.000	< 0.100		0.422	0.400	105.5	50.0 150	
Myclobutanil	0.000	< 0.100		0.365	0.400	91.3	60.0 120	
Naled	0.000	< 0.250		1.231	1.000	123.1	50.0 150	
Oxamyl	0.000	< 0.500		2.342	2.000	117.1	60.0 120	
Paclobutrazole	0.000	< 0.200		0.830	0.800	103.7	60.0 120	
Parathion-Methyl	0.000	< 0.100		0.487	0.400	121.8	50.0 150	
Permethrin	0.000	< 0.100		0.372	0.400	93.1	50.0 150	
Phosmet	0.000	< 0.100		0.483	0.400	120.7	50.0 150	
Piperonyl butoxide	0.000	< 0.500		2.221	2.000	111.0	60.0 120	
Prallethrin	0.000	< 0.100		0.405	0.400	101.3	60.0 120	
Propiconazole	0.000	< 0.200		0.898	0.800	112.3	60.0 120	
Propoxur	0.000	< 0.100		0.494	0.400	123.5	60.0 120	Q1
Pyrethrin (Summe)	0.002	< 0.100		0.425	0.488	87.1	60.0 120	
Pyridaben	0.000	< 0.100		0.380	0.400	94.9	50.0 150	
Spinosad	0.000	< 0.100		0.415	0.388	107.0	50.0 150	
Spiromesifen	0.000	< 0.100		0.409	0.400	102.2	60.0 120	
Spirotetramat	0.000	< 0.100		0.474	0.400	118.5	60.0 120	
Spiroxamine	0.000	< 0.200		0.863	0.800	107.9	60.0 120	



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662				Units: mg/Kg			Batch ID: 2500348				
Matrix Spike/Matrix Spike Duplicate Recoveries							Sample ID: 25-000331-0001				
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Abamectin	0.000	0.960	1.053	1.000	9.2%	< 30	96.0%	105.3%	50 - 150		
Acephate	0.000	0.726	0.741	0.800	2.1%	< 30	90.7%	92.6%	50 - 150		
Acequinocyl	0.000	2.697	2.543	4.000	5.9%	< 30	67.4%	63.6%	50 - 150		
Acetamiprid	0.000	0.388	0.374	0.400	3.6%	< 30	96.9%	93.5%	50 - 150		
Aldicarb	0.000	0.729	0.676	0.800	7.6%	< 30	91.1%	84.4%	50 - 150		
Azoxystrobin	0.000	0.358	0.344	0.400	4.0%	< 30	89.5%	86.0%	50 - 150		
Bifenazate	0.000	0.400	0.407	0.400	1.9%	< 30	99.9%	101.8%	50 - 150		
Bifenthrin	0.000	0.299	0.281	0.400	6.4%	< 30	74.8%	70.2%	50 - 150		
Boscalid	0.000	0.738	0.743	0.800	0.6%	< 30	92.3%	92.8%	50 - 150		
Carbaryl	0.000	0.347	0.343	0.400	1.1%	< 30	86.7%	85.7%	50 - 150		
Carbofuran	0.000	0.384	0.364	0.400	5.5%	< 30	96.1%	91.0%	50 - 150		
Chlorantraniliprole	0.000	0.376	0.378	0.400	0.5%	< 30	93.9%	94.4%	50 - 150		
Chlorfenapyr	0.000	2.000	1.909	2.000	4.7%	< 30	100.0%	95.4%	50 - 150		
Chlorpyrifos	0.000	0.412	0.401	0.400	2.8%	< 30	103.0%	100.2%	50 - 150		
Clofentezine	0.000	0.331	0.343	0.400	3.7%	< 30	82.7%	85.8%	50 - 150		
Cyfluthrin	0.000	1.479	1.373	2.000	7.4%	< 30	74.0%	68.7%	30 - 150		
Cypermethrin	0.016	1.653	1.538	2.000	7.2%	< 30	81.8%	76.1%	50 - 150		
Daminozide	1.309	2.682	2.669	2.000	1.0%	< 30	68.6%	68.0%	30 - 150		
Diazinon	0.000	0.383	0.393	0.400	2.6%	< 30	95.8%	98.3%	50 - 150		
Dichlorvos	0.000	1.713	1.878	2.000	9.2%	< 30	85.6%	93.9%	50 - 150		
Dimethoate	0.000	0.371	0.389	0.400	4.6%	< 30	92.8%	97.2%	50 - 150		
Ethoprophos	0.043	0.470	0.472	0.400	0.5%	< 30	106.8%	107.3%	50 - 150		
Etofenprox	0.000	0.538	0.534	0.800	0.8%	< 30	67.2%	66.7%	50 - 150		
Etoxazole	0.172	0.489	0.523	0.400	10.2%	< 30	79.1%	87.6%	50 - 150		
Fenoxycarb	0.000	0.385	0.398	0.400	3.3%	< 30	96.3%	99.5%	50 - 150		
Fenpyroximate	0.000	0.658	0.660	0.800	0.3%	< 30	82.2%	82.4%	50 - 150		
Fipronil	0.000	0.657	0.625	0.800	5.1%	< 30	82.2%	78.1%	50 - 150		
Flonicamid	0.000	0.899	0.990	1.000	9.6%	< 30	89.9%	99.0%	50 - 150		
Fludioxonil	0.000	0.769	0.726	0.800	5.8%	< 30	96.1%	90.8%	50 - 150		
Hexythiazox	0.000	0.582	0.580	1.000	0.3%	< 30	58.2%	58.0%	50 - 150		
Imazalil	0.000	0.365	0.394	0.400	7.6%	< 30	91.2%	98.4%	50 - 150		
Imidacloprid	0.000	0.694	0.811	0.800	15.6%	< 30	86.8%	101.4%	50 - 150		
Kresoxim-methyl	0.000	0.725	0.782	0.800	7.6%	< 30	90.7%	97.8%	50 - 150		
Malathion	0.000	0.368	0.394	0.400	6.9%	< 30	91.9%	98.5%	50 - 150		
Metalaxyl	0.000	0.379	0.382	0.400	0.8%	< 30	94.7%	95.5%	50 - 150		
Methiocarb	0.000	0.376	0.344	0.400	8.8%	< 30	94.0%	86.0%	50 - 150		
Methomyl	0.000	0.775	0.800	0.800	3.2%	< 30	96.9%	100.0%	50 - 150		
MGK-264	0.000	0.376	0.371	0.400	1.5%	< 30	94.1%	92.7%	50 - 150		
Myclobutanil	0.000	0.360	0.392	0.400	8.4%	< 30	90.1%	98.1%	50 - 150		
Naled	0.000	0.866	0.778	1.000	10.7%	< 30	86.6%	77.8%	50 - 150		
Oxamyl	0.000	1.971	1.980	2.000	0.4%	< 30	98.5%	99.0%	50 - 150		
Paclobutrazole	0.000	0.674	0.697	0.800	3.3%	< 30	84.2%	87.1%	50 - 150		
Parathion-Methyl	0.000	0.447	0.405	0.400	9.8%	< 30	111.7%	101.3%	30 - 150		
Permethrin	0.168	0.480	0.539	0.400	17.3%	< 30	78.1%	92.8%	50 - 150		
Phosmet	0.000	0.362	0.375	0.400	3.5%	< 30	90.4%	93.7%	50 - 150		
Piperonyl butoxide	0.000	1.766	1.763	2.000	0.2%	< 30	88.3%	88.2%	50 - 150		
Prallethrin	0.000	0.480	0.471	0.400	1.7%	< 30	119.9%	117.8%	50 - 150		
Propiconazole	0.000	0.708	0.749	0.800	5.5%	< 30	88.6%	93.6%	50 - 150		
Propoxur	0.000	0.367	0.338	0.400	8.3%	< 30	91.7%	84.4%	50 - 150		
Pyrethrin (Summe)	0.012	0.532	0.499	0.488	6.5%	< 30	106.6%	99.8%	50 - 150		
Pyridaben	0.000	0.269	0.284	0.400	5.2%	< 30	67.3%	70.9%	50 - 150		
Spinosad	0.000	0.359	0.332	0.388	7.8%	< 30	92.5%	85.5%	50 - 150		
Spiromesifen	0.000	0.136	0.130	0.400	4.1%	< 30	34.0%	32.6%	50 - 150		
Spirotetramat	0.000	0.405	0.389	0.400	4.0%	< 30	101.3%	97.4%	50 - 150		
Spiroxamine	0.000	0.756	0.778	0.800	2.9%	< 30	94.5%	97.3%	50 - 150		

Q



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



Report Number: 25-000331/D001.R001
Report Date: 02/12/2025
ORELAP#: OR100028
Purchase Order:
Received: 01/13/25 09:18





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.