



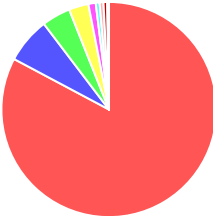
This is an amended version of report# 25-000336/D001.R000.

Reason: Photo attached

Customer: Wildwood Ventures, LLC
Product identity: 121224 CBD Tincture
Metrc ID: .
Metrc Source ID:
Laboratory ID: 25-000336-0001

Summary

Potency:

Analyte	Result (%)		CBD-Total [±] 4.73% Delta-9-THC-Total [±] 0.194% (Reported in percent of total sample)
CBD-A	5.09		
CBC-A	0.423		
CBD	0.265		
Δ9-THC-A	0.181		
CBG-A	0.0675		
CBC	0.0357		
Δ9-THC	0.0356		
CBDV-A	0.0341		
CBG	0.00958		
CBL-A	0.00668		

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: 121224 CBD Tincture

Metric ID: .

Metric Source ID:

Material: Cannabinoid Tincture

Sample Date:

Laboratory ID: 25-000336-0001

Evidence of Cooling: No

Temp: 18.8 °C

Lot #: 121224 CBD T

Serving Size #1: 0.98 g

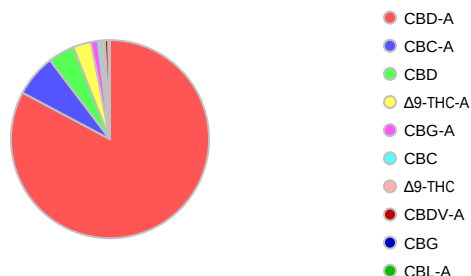
Density: 0.9800 g/ml



Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)^p **Units %** **Batch:** 2500327 **Analyze:** 1/15/25 8:07:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	0.0357		0.0032	
CBC-A	0.423		0.0032	
CBC-Total	0.407		0.0060	
CBD [⊥]	0.265		0.0032	
CBD-A [⊥]	5.09		0.0319	
CBD-Total [⊥]	4.73		0.0312	
CBDV	< LOQ		0.0032	
CBDV-A	0.0341		0.0032	
CBDV-Total	0.0296		0.0060	
CBE	< LOQ		0.0032	
CBG	0.00958		0.0032	
CBG-A	0.0675		0.0032	
CBG-Total	0.0688		0.0060	
CBL	< LOQ		0.0032	
CBL-A	0.00668		0.0032	
CBL-Total	< LOQ		0.0060	
CBN	< LOQ		0.0032	
CBT	< LOQ		0.0032	
Δ10-THC-9R	< LOQ		0.0032	
Δ10-THC-9S	< LOQ		0.0032	
Δ10-THC-Total	< LOQ		0.0064	
Δ8-THC [⊥]	< LOQ		0.0032	
Δ8-THCV	< LOQ		0.0032	
Δ9-THC [⊥]	0.0356		0.0032	
Δ9-THC-A [⊥]	0.181		0.0032	
Δ9-THC-Total [⊥]	0.194		0.0060	



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



Potency	Method: J AOAC 2015 V98-6 (mod) ^b			Units %	Batch: 2500327	Analyze: 1/15/25 8:07:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
Δ9-THCP	< LOQ		0.0032			
Δ9-THCV	< LOQ		0.0032			
Δ9-THCV-A	< LOQ		0.0032			
Δ9-THCV-Total	< LOQ		0.0060			
exo-THC	< LOQ		0.0032			
Total Cannabinoids	6.15					

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 03:39 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 2500349	Analyze 01/16/25 11:48 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	0.0862	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [±]	< LOQ	0.200	mg/kg	0.0862	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		
Lead [±]	< LOQ	0.500	mg/kg	0.0862	2500317	01/15/25	AOAC 2013.06 (mod.) ^b	pass		
Mercury [±]	< LOQ	0.100	mg/kg	0.0431	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

g = Gram

g/ml = Gram per milliliter

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: 25-000336/D001.R001
Report Date: 02/20/2025
ORELAP#: OR100028
Purchase Order:
Received: 01/13/25 09:17



Hemp & Cannabis
Chain of Custody

Woodstock-consulting-
LLC-1735326368

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>AGR10890921HH</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	121224 CBD Tincture	121224 CBD T	Cannabinoid Tincture	30 g	mg/mL	.98 g	✓
2	CBD+ D8 tincture	121224 CBD+D8 tincture	Cannabinoid Tincture	30 g	mg/mL	.98 g	✓

Package Details

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

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Jacob Goodlaxson</i>	<i>12/27/2024</i>	<i>11:06</i>	<i>cmt</i>	<i>01/13/2025</i>	<i>09:17</i>	<i>18.8</i>	<i>CL-1196</i>

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

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Page 1 of 1
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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 Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2500327**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0269	0.0268	%	100	80.0 - 120	Acceptable	
CBDV	2	0.0289	0.0286	%	101	80.0 - 120	Acceptable	
CBE	2	0.0290	0.0288	%	101	80.0 - 120	Acceptable	
CBDA	1	0.0299	0.0313	%	95.6	90.0 - 110	Acceptable	
CBGA	1	0.0295	0.0306	%	96.4	80.0 - 120	Acceptable	
CBG	1	0.0293	0.0298	%	98.1	80.0 - 120	Acceptable	
CBD	1	0.0281	0.0294	%	95.5	90.0 - 110	Acceptable	
THCV	2	0.0288	0.0286	%	101	80.0 - 120	Acceptable	
d8THCV	2	0.0290	0.0292	%	99.3	80.0 - 120	Acceptable	
THCVA	2	0.0263	0.0261	%	101	80.0 - 120	Acceptable	
CBN	1	0.0284	0.0288	%	98.8	80.0 - 120	Acceptable	
exo-THC	2	0.0264	0.0266	%	99.2	80.0 - 120	Acceptable	
d9THC	1	0.0293	0.0294	%	99.7	90.0 - 110	Acceptable	
d8THC	1	0.0292	0.0302	%	96.7	90.0 - 110	Acceptable	
9S-d10THC	1	0.0304	0.0311	%	97.9	80.0 - 120	Acceptable	
CBL	2	0.0260	0.0270	%	96.4	80.0 - 120	Acceptable	
9R-d10THC	1	0.0313	0.0323	%	97.0	80.0 - 120	Acceptable	
CBC	2	0.0286	0.0284	%	101	80.0 - 120	Acceptable	
THCA	1	0.0303	0.0314	%	96.5	90.0 - 110	Acceptable	
CBCA	2	0.0277	0.0276	%	100	80.0 - 120	Acceptable	
CBLA	2	0.0282	0.0280	%	101	80.0 - 120	Acceptable	
d9THCP	2	0.0271	0.0273	%	99.2	80.0 - 120	Acceptable	
CBT	2	0.0298	0.0287	%	104	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBDV	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBE	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBDA	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBGA	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBG	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBD	<LOQ	0.00325	%	< 0.00325	Acceptable	
THCV	<LOQ	0.00325	%	< 0.00325	Acceptable	
d8THCV	<LOQ	0.00325	%	< 0.00325	Acceptable	
THCVA	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBN	<LOQ	0.00325	%	< 0.00325	Acceptable	
exo-THC	<LOQ	0.00325	%	< 0.00325	Acceptable	
d9THC	<LOQ	0.00325	%	< 0.00325	Acceptable	
d8THC	<LOQ	0.00325	%	< 0.00325	Acceptable	
9S-d10THC	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBL	<LOQ	0.00325	%	< 0.00325	Acceptable	
9R-d10THC	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBC	<LOQ	0.00325	%	< 0.00325	Acceptable	
THCA	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBCA	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBLA	<LOQ	0.00325	%	< 0.00325	Acceptable	
d9THCP	<LOQ	0.00325	%	< 0.00325	Acceptable	
CBT	<LOQ	0.00325	%	< 0.00325	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: 2500327					
Sample Duplicate			Sample ID: 25-000050-0001-01					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.0570	0.0569	0.00329	%	0.170	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBDA	0.532	0.531	0.00329	%	0.230	< 20	Acceptable	
CBGA	0.00784	0.00758	0.00329	%	3.39	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBD	0.0129	0.0132	0.00329	%	2.43	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
d8THCV	0.0127	0.0118	0.00329	%	7.29	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBN	0.00815	0.00818	0.00329	%	0.345	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
d9THC	0.135	0.129	0.00329	%	4.29	< 20	Acceptable	
d8THC	3.46	3.46	0.00329	%	0.140	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
THCA	0.0202	0.0202	0.00329	%	0.0870	< 20	Acceptable	
CBCA	0.0222	0.0225	0.00329	%	1.60	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662				Units: mg/Kg		Batch ID: 2500349		
Method Blank				Laboratory Control Sample				
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.782	1.000	78.2	50.0 150	
Acephate	0.000	< 0.200		0.654	0.800	81.8	60.0 120	
Acequinocyl	0.000	< 1.000		2.419	4.000	60.5	40.0 160	
Acetamiprid	0.000	< 0.100		0.336	0.400	84.1	60.0 120	
Aldicarb	0.000	< 0.200		0.706	0.800	88.2	60.0 120	
Azoxystrobin	0.000	< 0.100		0.326	0.400	81.4	60.0 120	
Bifenazate	0.000	< 0.100		0.380	0.400	95.1	60.0 120	
Bifenthrin	0.000	< 0.100		0.298	0.400	74.6	50.0 150	
Boscalid	0.000	< 0.200		0.676	0.800	84.5	60.0 120	
Carbaryl	0.000	< 0.100		0.313	0.400	78.2	60.0 120	
Carbofuran	0.000	< 0.100		0.336	0.400	84.0	60.0 120	
Chlorantraniliprole	0.000	< 0.100		0.334	0.400	83.6	60.0 120	
Chlorfenapyr	0.000	< 0.500		1.297	2.000	64.8	60.0 120	
Chlorpyrifos	0.000	< 0.100		0.326	0.400	81.4	60.0 120	
Clofentezine	0.000	< 0.100		0.280	0.400	70.1	60.0 120	
Cyfluthrin	0.000	< 0.500		1.663	2.000	83.2	50.0 150	
Cypermethrin	0.000	< 0.500		1.553	2.000	77.6	50.0 150	
Daminozide	0.000	< 0.500		0.489	2.000	24.5	60.0 120	Q7
Diazinon	0.000	< 0.100		0.353	0.400	88.1	60.0 120	
Dichlorvos	0.000	< 0.500		1.605	2.000	80.3	60.0 120	
Dimethoate	0.000	< 0.100		0.338	0.400	84.5	60.0 120	
Ethoprophos	0.000	< 0.100		0.329	0.400	82.3	60.0 120	
Etofenprox	0.000	< 0.200		0.641	0.800	80.1	50.0 150	
Etoxazole	0.000	< 0.100		0.355	0.400	88.8	60.0 120	
Fenoxycarb	0.000	< 0.100		0.337	0.400	84.3	60.0 120	
Fenpyroximate	0.000	< 0.200		0.647	0.800	80.9	60.0 120	
Fipronil	0.000	< 0.200		0.655	0.800	81.8	60.0 120	
Flonicamid	0.000	< 0.250		0.840	1.000	84.0	60.0 120	
Fludioxonil	0.000	< 0.200		0.657	0.800	82.2	50.0 150	
Hexythiazox	0.000	< 0.250		0.837	1.000	83.7	60.0 120	
Imazalil	0.000	< 0.100		0.363	0.400	90.8	60.0 120	
Imidacloprid	0.000	< 0.200		0.661	0.800	82.6	60.0 120	
Kresoxim-methyl	0.000	< 0.200		0.737	0.800	92.1	60.0 120	
Malathion	0.000	< 0.100		0.354	0.400	88.6	60.0 120	
Metalaxyl	0.000	< 0.100		0.339	0.400	84.8	60.0 120	
Methiocarb	0.000	< 0.100		0.317	0.400	79.4	60.0 120	
Methomyl	0.000	< 0.200		0.719	0.800	89.9	60.0 120	
MGK-264	0.000	< 0.100		0.328	0.400	81.9	50.0 150	
Myclobutanil	0.000	< 0.100		0.351	0.400	87.8	60.0 120	
Naled	0.000	< 0.250		0.821	1.000	82.1	50.0 150	
Oxamyl	0.000	< 0.500		1.841	2.000	92.0	60.0 120	
Paclobutrazole	0.000	< 0.200		0.687	0.800	85.9	60.0 120	
Parathion-Methyl	0.000	< 0.100		0.343	0.400	85.7	50.0 150	
Permethrin	0.000	< 0.100		0.320	0.400	80.1	50.0 150	
Phosmet	0.000	< 0.100		0.339	0.400	84.7	50.0 150	
Piperonyl butoxide	0.000	< 0.500		1.921	2.000	96.0	60.0 120	
Prallethrin	0.000	< 0.100		0.346	0.400	86.5	60.0 120	
Propiconazole	0.000	< 0.200		0.691	0.800	86.4	60.0 120	
Propoxur	0.000	< 0.100		0.333	0.400	83.4	60.0 120	
Pyrethrin (Summe)	0.000	< 0.100		0.391	0.488	80.2	60.0 120	
Pyridaben	0.000	< 0.100		0.331	0.400	82.8	50.0 150	
Spinosad	0.000	< 0.100		0.311	0.388	80.2	50.0 150	
Spiromesifen	0.000	< 0.100		0.341	0.400	85.2	60.0 120	
Spirotetramat	0.000	< 0.100		0.345	0.400	86.4	60.0 120	
Spiroxamine	0.000	< 0.200		0.695	0.800	86.9	60.0 120	



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662				Units: mg/Kg			Batch ID: 2500349				
Matrix Spike/Matrix Spike Duplicate Recoveries						Sample ID: 25-000336-0001					
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Abamectin	0.000	0.836	0.938	1.000	11.5%	< 30	83.6%	93.8%	50 - 150		
Acephate	0.000	0.641	0.645	0.800	0.6%	< 30	80.1%	80.6%	50 - 150		
Acequinocyl	0.000	2.138	0.000	4.000	200.0%	< 30	53.4%	0.0%	50 - 150	R,Q	
Acetamiprid	0.000	0.320	0.332	0.400	3.9%	< 30	79.9%	83.1%	50 - 150		
Aldicarb	0.000	0.673	0.693	0.800	2.9%	< 30	84.1%	86.6%	50 - 150		
Azoxystrobin	0.000	0.299	0.299	0.400	0.0%	< 30	74.8%	74.8%	50 - 150		
Bifenazate	0.000	0.353	0.358	0.400	1.2%	< 30	88.4%	89.5%	50 - 150		
Bifenthrin	0.000	0.246	0.129	0.400	62.4%	< 30	61.6%	32.3%	50 - 150	R,Q	
Boscalid	0.000	0.684	0.735	0.800	7.2%	< 30	85.5%	91.8%	50 - 150		
Carbaryl	0.000	0.314	0.310	0.400	1.4%	< 30	78.6%	77.5%	50 - 150		
Carbofuran	0.000	0.310	0.318	0.400	2.4%	< 30	77.5%	79.4%	50 - 150		
Chlorantraniliprole	0.000	0.333	0.358	0.400	7.3%	< 30	83.3%	89.6%	50 - 150		
Chlorfenapyr	0.000	1.534	1.798	2.000	15.8%	< 30	76.7%	89.9%	50 - 150		
Chlorpyrifos	0.000	0.309	0.319	0.400	3.1%	< 30	77.3%	79.7%	50 - 150		
Clofentezine	0.000	0.294	0.331	0.400	11.9%	< 30	73.5%	82.8%	50 - 150		
Cyfluthrin	0.000	1.672	1.516	2.000	9.8%	< 30	83.6%	75.8%	30 - 150		
Cypermethrin	0.000	1.026	0.913	2.000	11.7%	< 30	51.3%	45.6%	50 - 150	Q	
Daminozide	0.000	0.549	0.509	2.000	7.5%	< 30	27.4%	25.4%	30 - 150	Q	
Diazinon	0.000	0.326	0.343	0.400	5.1%	< 30	81.6%	85.8%	50 - 150		
Dichlorvos	0.000	1.542	1.576	2.000	2.2%	< 30	77.1%	78.8%	50 - 150		
Dimethoate	0.000	0.317	0.333	0.400	4.9%	< 30	79.3%	83.3%	50 - 150		
Ethoprophos	0.000	0.316	0.315	0.400	0.6%	< 30	79.1%	78.6%	50 - 150		
Etofenprox	0.000	0.380	0.308	0.800	21.1%	< 30	47.5%	38.5%	50 - 150	Q	
Etoxazole	0.000	0.353	0.357	0.400	0.9%	< 30	88.3%	89.2%	50 - 150		
Fenoxycarb	0.000	0.325	0.335	0.400	3.0%	< 30	81.3%	83.8%	50 - 150		
Fenpyroximate	0.000	0.642	0.540	0.800	17.3%	< 30	80.2%	67.4%	50 - 150		
Fipronil	0.000	0.559	0.590	0.800	5.2%	< 30	69.9%	73.7%	50 - 150		
Flonicamid	0.000	0.763	0.794	1.000	4.0%	< 30	76.3%	79.4%	50 - 150		
Fludioxonil	0.000	0.626	0.645	0.800	2.9%	< 30	78.3%	80.6%	50 - 150		
Hexythiazox	0.000	0.629	0.645	1.000	2.6%	< 30	62.9%	64.5%	50 - 150		
Imazalil	0.000	0.321	0.335	0.400	4.1%	< 30	80.3%	83.7%	50 - 150		
Imidacloprid	0.000	0.595	0.613	0.800	2.9%	< 30	74.4%	76.6%	50 - 150		
Kresoxim-methyl	0.000	0.653	0.674	0.800	3.2%	< 30	81.6%	84.2%	50 - 150		
Malathion	0.000	0.320	0.352	0.400	9.7%	< 30	79.9%	88.0%	50 - 150		
Metalaxyl	0.000	0.329	0.338	0.400	2.6%	< 30	82.2%	84.4%	50 - 150		
Methiocarb	0.000	0.311	0.302	0.400	2.9%	< 30	77.7%	75.4%	50 - 150		
Methomyl	0.000	0.650	0.626	0.800	3.6%	< 30	81.2%	78.3%	50 - 150		
MGK-264	0.000	0.365	0.353	0.400	3.3%	< 30	91.2%	88.2%	50 - 150		
Myclobutanil	0.000	0.350	0.350	0.400	0.1%	< 30	87.5%	87.6%	50 - 150		
Naled	0.000	0.722	0.723	1.000	0.1%	< 30	72.2%	72.3%	50 - 150		
Oxamyl	0.000	1.749	1.799	2.000	2.8%	< 30	87.5%	90.0%	50 - 150		
Paclobutrazole	0.000	0.609	0.614	0.800	0.9%	< 30	76.1%	76.7%	50 - 150		
Parathion-Methyl	0.000	0.304	0.303	0.400	0.6%	< 30	76.1%	75.6%	30 - 150		
Permethrin	0.000	0.304	0.227	0.400	29.1%	< 30	76.1%	56.8%	50 - 150		
Phosmet	0.000	0.325	0.346	0.400	6.2%	< 30	81.3%	86.5%	50 - 150		
Piperonyl butoxide	0.000	1.820	1.797	2.000	1.3%	< 30	91.0%	89.8%	50 - 150		
Prallethrin	0.000	0.304	0.324	0.400	6.1%	< 30	76.1%	80.9%	50 - 150		
Propiconazole	0.000	0.652	0.662	0.800	1.5%	< 30	81.5%	82.8%	50 - 150		
Propoxur	0.000	0.318	0.324	0.400	1.9%	< 30	79.5%	81.1%	50 - 150		
Pyrethrin (Summe)	0.000	0.441	0.350	0.488	23.1%	< 30	90.4%	71.7%	50 - 150		
Pyridaben	0.000	0.159	0.145	0.400	9.1%	< 30	39.7%	36.2%	50 - 150	Q	
Spinosad	0.000	0.298	0.308	0.388	3.3%	< 30	76.8%	79.4%	50 - 150		
Spiromesifen	0.000	0.079	0.064	0.400	20.7%	< 30	19.7%	16.0%	50 - 150	Q	
Spirotetramat	0.000	0.340	0.349	0.400	2.5%	< 30	85.0%	87.2%	50 - 150		
Spiroxamine	0.000	0.644	0.676	0.800	4.9%	< 30	80.5%	84.5%	50 - 150		



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



Report Number: 25-000336/D001.R001
Report Date: 02/20/2025
ORELAP#: OR100028
Purchase Order:
Received: 01/13/25 09:17





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.