



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



**Report Number:** 22-010470/D004.R000  
**Report Date:** 09/12/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/01/22 10:20

**Customer:** Elevated Trading LLC  
**Product identity:** 2372022EJB000052110mg D9 .  
**Client/Metric ID:**  
**Laboratory ID:** 22-010470-0003

### Summary

**Potency:**

Analyte per 3.75g	Result	Limits	Units	Status	
CBD per 3.75g	0.138		mg/3.75g		THC-Total per Serving Size 9.30 mg/3.75g
Δ9-THC per 3.75g	9.30		mg/3.75g		CBD-Total per Serving Size <LOQ
					(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:**

*Less than LOQ for all analytes.*



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**Customer:** Elevated Trading LLC  
 United States of America (USA)  
**Product identity:** 2372022EJB0000521 10mg D9 .  
**Client/Metric ID:**  
**Sample Date:** 22-010470-0003  
**Laboratory ID:**  
**Evidence of Cooling:** No  
**Temp:** 24.1 °C  
**Relinquished by:** Client  
**Serving Size #1:** 3.75 g

### Sample Results

Potency per 3.75g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2207482	Analyze: 9/2/22 8:31:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 3.75g	0.138		mg/3.75g	0.120	
CBD-A per 3.75g	< LOQ		mg/3.75g	0.120	
CBD-Total per 3.75g	< LOQ		mg/3.75g	0.225	
CBG per 3.75g	< LOQ		mg/3.75g	0.120	
CBG-A per 3.75g	< LOQ		mg/3.75g	0.120	
CBG-Total per 3.75g	< LOQ		mg/3.75g	0.224	
CBN per 3.75g	< LOQ		mg/3.75g	0.120	
Δ10-THC per 3.75g	< LOQ		mg/3.75g	0.120	
Δ8-THC per 3.75g	< LOQ		mg/3.75g	0.120	
Δ9-THC per 3.75g	9.30		mg/3.75g	0.120	
THC-A per 3.75g	< LOQ		mg/3.75g	0.120	
THC-Total per 3.75g	9.30		mg/3.75g	0.225	

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2207469	09/08/22 AOAC 990.12 (Petrifilm) <sup>P</sup>		
E.coli	< LOQ		cfu/g	10	2207467	09/08/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2207467	09/08/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2207468	09/09/22 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2207468	09/09/22 AOAC 2014.05 (RAPID) <sup>P</sup>		



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Solvents											Method: Residual Solvents by GC/MS <sup>b</sup>					Units µg/g		Batch 2207565		Analyze 09/08/22 02:25 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														



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) <sup>b</sup>											
Units mg/kg Batch 2207479 Analyze 09/06/22 11:12 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin <sup>‡</sup>	< LOQ	0.50	0.250	pass		Acephate <sup>‡</sup>	< LOQ	0.40	0.250	pass	
Acequinocyl <sup>‡</sup>	< LOQ	2.0	1.00	pass		Acetamiprid <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Aldicarb <sup>‡</sup>	< LOQ	0.40	0.200	pass		Azoxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Bifenazate <sup>‡</sup>	< LOQ	0.20	0.100	pass		Bifenthrin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Boscalid <sup>‡</sup>	< LOQ	0.40	0.200	pass		Carbaryl <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Carbofuran <sup>‡</sup>	< LOQ	0.20	0.100	pass		Chlorantraniliprole <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Chlorfenapyr <sup>‡</sup>	< LOQ	1.0	0.500	pass		Chlorpyrifos <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Clofentezine <sup>‡</sup>	< LOQ	0.20	0.100	pass		Cyfluthrin <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Cypermethrin <sup>‡</sup>	< LOQ	1.0	0.500	pass		Daminozide <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Diazinon <sup>‡</sup>	< LOQ	0.20	0.100	pass		Dichlorvos <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Dimethoate <sup>‡</sup>	< LOQ	0.20	0.100	pass		Ethoprophos <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Etofenprox <sup>‡</sup>	< LOQ	0.40	0.200	pass		Etoxazole <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Fenoxycarb <sup>‡</sup>	< LOQ	0.20	0.100	pass		Fenpyroximate <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Fipronil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Flonicamid <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Fludioxonil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Hexythiazox <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Imazalil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Imidacloprid <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Kresoxim-methyl <sup>‡</sup>	< LOQ	0.40	0.200	pass		Malathion <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Metalaxyl <sup>‡</sup>	< LOQ	0.20	0.100	pass		Methiocarb <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Methomyl <sup>‡</sup>	< LOQ	0.40	0.200	pass		MGK-264 <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Myclobutanil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Naled <sup>‡</sup>	< LOQ	0.50	0.250	pass	
Oxamyl <sup>‡</sup>	< LOQ	1.0	0.500	pass		Pacllobutrazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Parathion-Methyl <sup>‡</sup>	< LOQ	0.20	0.200	pass		Permethrin <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Phosmet <sup>‡</sup>	< LOQ	0.20	0.100	pass		Piperonyl butoxide <sup>‡</sup>	< LOQ	2.0	1.00	pass	
Prallethrin <sup>‡</sup>	< LOQ	0.20	0.200	pass		Propiconazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Propoxur <sup>‡</sup>	< LOQ	0.20	0.100	pass		Pyrethrin I (total) <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Pyridaben <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spinosad <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Spiromesifen <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spirotetramat <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Spiroxamine <sup>‡</sup>	< LOQ	0.40	0.200	pass		Tebuconazole <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Thiacloprid <sup>‡</sup>	< LOQ	0.20	0.100	pass		Thiamethoxam <sup>‡</sup>	< LOQ	0.20	0.100	pass	
Trifloxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Arsenic	< LOQ	0.200	mg/kg	0.0168	2207492	09/06/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Cadmium	< LOQ	0.200	mg/kg	0.0168	2207492	09/06/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Lead	< LOQ	0.500	mg/kg	0.0168	2207492	09/06/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Mercury	< LOQ	0.100	mg/kg	0.00839	2207492	09/06/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass			



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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/3.75g = Milligram per 3.75g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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Revision: 3 Document ID: 3120  
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

**Laboratory Pesticide Quality Control Results**

AOAC 2007.1 & EN 15662		Units: mg/Kg		Batch ID: 2207479				
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.125		0.518	0.500	103.6	50.0	150
Acephate	0.000	< 0.125		0.479	0.500	95.8	60.0	120
Acetaminocyl	0.000	< 0.500		1.921	2.000	96.0	40.0	160
Acetamiprid	0.000	< 0.050		0.205	0.200	102.3	60.0	120
Aldicarb	0.000	< 0.100		0.418	0.400	104.5	60.0	120
Azoxystrobin	0.001	< 0.050		0.210	0.200	105.0	60.0	120
Bifenazate	0.000	< 0.050		0.209	0.200	104.7	60.0	120
Bifenthrin	0.000	< 0.050		0.204	0.200	102.0	50.0	150
Boscalid	0.000	< 0.100		0.409	0.400	102.3	60.0	120
Carbaryl	0.000	< 0.050		0.213	0.200	106.4	60.0	120
Carbofuran	0.000	< 0.050		0.203	0.200	101.6	60.0	120
Chlorantraniliprole	0.000	< 0.050		0.212	0.200	105.8	60.0	120
Chlorfenapyr	0.000	< 0.250		1.195	1.000	119.5	60.0	120
Chlorpyrifos	0.000	< 0.050		0.176	0.200	88.2	60.0	120
Clofentazine	0.000	< 0.050		0.126	0.200	63.2	60.0	120
Cyfluthrin	0.000	< 0.250		1.039	1.000	103.9	50.0	150
Cypermethrin	0.000	< 0.250		1.047	1.000	104.7	50.0	150
Daminozide	0.000	< 0.250		0.360	1.000	36.0	60.0	120
Diazinon	0.000	< 0.050		0.208	0.200	104.2	60.0	120
Dichlorvos	0.000	< 0.250		1.111	1.000	111.1	60.0	120
Dimethoate	0.000	< 0.050		0.206	0.200	102.8	60.0	120
Ethoprophos	0.000	< 0.050		0.190	0.200	95.0	60.0	120
Etofenprox	0.000	< 0.100		0.389	0.400	97.2	50.0	150
Etoxazole	0.000	< 0.050		0.209	0.200	104.4	60.0	120
Fenoxycarb	0.000	< 0.050		0.199	0.200	99.5	60.0	120
Fenpyroximate	0.000	< 0.100		0.441	0.400	110.2	60.0	120
Fipronil	0.000	< 0.100		0.438	0.400	109.6	60.0	120
Fonicamid	0.000	< 0.125		0.468	0.500	93.7	60.0	120
Fludioxonil	0.000	< 0.100		0.434	0.400	108.5	50.0	150
Hexythiazox	0.000	< 0.125		0.549	0.500	109.7	60.0	120
Imazalil	0.000	< 0.050		0.150	0.200	74.9	60.0	120
Imidacloprid	0.000	< 0.100		0.426	0.400	106.6	60.0	120
Kresoxim-methyl	0.000	< 0.100		0.413	0.400	103.1	60.0	120
Malathion	0.000	< 0.050		0.210	0.200	104.8	60.0	120
Metaxalyl	0.000	< 0.050		0.210	0.200	105.1	60.0	120
Methiocarb	0.000	< 0.050		0.208	0.200	103.8	60.0	120
Methomyl	0.000	< 0.100		0.325	0.400	81.2	60.0	120
MGK-264	0.000	< 0.050		0.201	0.200	100.7	50.0	150
Myclobutanil	0.000	< 0.050		0.198	0.200	99.2	60.0	120
Naled	0.000	< 0.125		0.270	0.500	54.0	50.0	150
Oxamyl	0.000	< 0.250		0.847	1.000	84.7	60.0	120
Paclobotrazole	0.000	< 0.100		0.404	0.400	100.9	60.0	120
Parathion-Methyl	0.000	< 0.100		0.503	0.400	125.9	50.0	150
Permethrin	0.000	< 0.050		0.201	0.200	100.5	50.0	150
Phosmet	0.000	< 0.050		0.205	0.200	102.6	50.0	150
Piperonyl butoxide	0.017	< 0.250		1.013	1.000	101.3	60.0	120
Prallethrin	0.000	< 0.050		0.175	0.200	87.3	60.0	120
Propiconazole	0.000	< 0.100		0.370	0.400	92.6	60.0	120
Propoxur	0.000	< 0.050		0.209	0.200	104.6	60.0	120
Pyrethrin (Summe)	0.012	< 0.100		0.200	0.200	100.0	60.0	120
Pyridaben	0.000	< 0.050		0.198	0.200	99.0	50.0	150
Spirosad	0.000	< 0.100		0.263	0.200	131.3	50.0	150
Spiromesifen	0.000	< 0.050		0.202	0.200	101.1	60.0	120
Spirotetramat	0.000	< 0.050		0.194	0.200	96.9	60.0	120
Spiroxamine	0.000	< 0.100		0.397	0.400	99.2	60.0	120
Tebuconazole	0.000	< 0.100		0.401	0.400	100.2	60.0	120
Thiacloprid	0.000	< 0.050		0.204	0.200	101.8	60.0	120
Thiamethoxam	0.000	< 0.050		0.180	0.200	89.9	60.0	120
Trifloxystrobin	0.000	< 0.050		0.204	0.200	102.0	60.0	120

Q6



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Revision: 3 Document ID: 3120  
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 2207479				
Matrix Spike/Matrix Spike Duplicate Recoveries					Sample ID: 22-010358-0001					
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.525	0.469	0.500	11.3%	< 30	105.0%	93.8%	50 - 150	
Acephate	0.000	0.625	0.540	0.500	14.6%	< 30	125.0%	108.0%	50 - 150	
Acequinocyl	0.000	2.221	2.040	2.000	8.5%	< 30	111.0%	102.0%	50 - 150	
Acetamiprid	0.000	0.257	0.228	0.200	12.0%	< 30	128.6%	114.0%	50 - 150	
Aldicarb	0.000	0.473	0.429	0.400	9.7%	< 30	118.2%	107.3%	50 - 150	
Azoxystrobin	0.000	0.261	0.231	0.200	12.2%	< 30	130.5%	115.5%	50 - 150	
Bifenazate	0.000	0.219	0.201	0.200	8.8%	< 30	109.7%	100.5%	50 - 150	
Bifenthrin	0.000	0.234	0.209	0.200	11.1%	< 30	116.9%	104.6%	50 - 150	
Boscalid	0.000	0.402	0.402	0.400	0.1%	< 30	100.5%	100.4%	50 - 150	
Carbaryl	0.000	0.273	0.244	0.200	11.1%	< 30	136.4%	122.1%	50 - 150	
Carbofuran	0.000	0.275	0.253	0.200	8.5%	< 30	137.6%	126.3%	50 - 150	
Chlorantraniliprole	0.000	0.205	0.187	0.200	8.8%	< 30	102.4%	93.7%	50 - 150	
Chlorfenapyr	0.000	1.309	1.250	1.000	4.6%	< 30	130.9%	125.0%	50 - 150	
Chlorpyrifos	0.000	0.235	0.203	0.200	14.8%	< 30	117.5%	101.3%	50 - 150	
Clofentezine	0.000	0.119	0.133	0.200	10.9%	< 30	59.5%	66.4%	50 - 150	
Cyfluthrin	0.000	0.860	0.863	1.000	0.4%	< 30	86.0%	86.3%	30 - 150	
Cypermethrin	0.000	0.788	0.714	1.000	9.9%	< 30	78.8%	71.4%	50 - 150	
Daminozide	0.000	0.610	0.562	1.000	8.1%	< 30	61.0%	56.2%	30 - 150	
Diazinon	0.000	0.257	0.241	0.200	6.4%	< 30	128.3%	120.3%	50 - 150	
Dichlorvos	0.000	1.172	1.069	1.000	9.2%	< 30	117.2%	106.9%	50 - 150	
Dimethoate	0.000	0.261	0.235	0.200	10.6%	< 30	130.6%	117.4%	50 - 150	
Ethoprophos	0.000	0.220	0.200	0.200	9.2%	< 30	109.8%	100.1%	50 - 150	
Etofenprox	0.000	0.510	0.465	0.400	9.2%	< 30	127.5%	116.2%	50 - 150	
Etoxazole	0.000	0.267	0.241	0.200	10.4%	< 30	133.5%	120.3%	50 - 150	
Fenoxycarb	0.000	0.199	0.183	0.200	8.6%	< 30	99.7%	91.6%	50 - 150	
Fenpyroximate	0.000	0.426	0.389	0.400	9.1%	< 30	106.5%	97.2%	50 - 150	
Fipronil	0.000	0.593	0.549	0.400	7.7%	< 30	148.3%	137.3%	50 - 150	
Fonicamid	0.000	0.446	0.413	0.500	7.6%	< 30	89.1%	82.6%	50 - 150	
Fludioxonil	0.000	0.458	0.405	0.400	12.3%	< 30	114.4%	101.1%	50 - 150	
Hexythiazox	0.000	0.625	0.563	0.500	10.4%	< 30	125.0%	112.7%	50 - 150	
Imazalil	0.000	0.089	0.067	0.200	28.7%	< 30	44.4%	33.3%	50 - 150	Q
Imidacloprid	0.000	0.360	0.326	0.400	9.9%	< 30	89.9%	81.5%	50 - 150	
Kresoxim-methyl	0.000	0.473	0.424	0.400	10.9%	< 30	118.1%	105.9%	50 - 150	
Malathion	0.000	0.225	0.206	0.200	9.1%	< 30	112.6%	102.8%	50 - 150	
Metaxalyl	0.000	0.239	0.222	0.200	7.5%	< 30	119.5%	110.9%	50 - 150	
Methiocarb	0.000	0.234	0.212	0.200	9.9%	< 30	116.9%	105.9%	50 - 150	
Methomyl	0.000	0.403	0.348	0.400	14.6%	< 30	100.6%	86.9%	50 - 150	
MGK-264	0.000	0.181	0.172	0.200	5.1%	< 30	90.4%	86.0%	50 - 150	
Myclobutanil	0.000	0.230	0.208	0.200	10.1%	< 30	115.0%	103.9%	50 - 150	
Naled	0.000	0.643	0.601	0.500	6.7%	< 30	128.5%	120.1%	50 - 150	
Oxamyl	0.000	0.961	0.857	1.000	11.4%	< 30	96.1%	85.7%	50 - 150	
Pacllobutrazole	0.000	0.442	0.406	0.400	8.6%	< 30	110.5%	101.4%	50 - 150	
Parathion-Methyl	0.000	0.386	0.394	0.400	2.2%	< 30	96.4%	98.6%	30 - 150	
Permethrin	0.000	0.167	0.149	0.200	11.4%	< 30	83.4%	74.3%	50 - 150	
Phosmet	0.000	0.223	0.198	0.200	11.9%	< 30	111.6%	99.1%	50 - 150	
Piperonyl butoxide	0.000	1.323	1.225	1.000	7.7%	< 30	132.3%	122.5%	50 - 150	
Prallethrin	0.000	0.114	0.100	0.200	13.1%	< 30	57.0%	50.0%	50 - 150	
Propiconazole	0.000	0.458	0.421	0.400	8.6%	< 30	114.6%	105.2%	50 - 150	
Propoxur	0.000	0.264	0.234	0.200	12.2%	< 30	132.2%	117.0%	50 - 150	
Pyrethrin (Summe)	0.000	0.169	0.154	0.200	9.2%	< 30	84.5%	77.1%	50 - 150	
Pyridaben	0.000	0.224	0.200	0.200	11.1%	< 30	111.9%	100.1%	50 - 150	
Spinosad	0.000	0.451	0.436	0.200	3.4%	< 30	225.4%	217.8%	50 - 150	Q
Spiromesifen	0.000	0.229	0.209	0.200	9.3%	< 30	114.7%	104.5%	50 - 150	
Spirotetramat	0.000	0.149	0.134	0.200	10.6%	< 30	74.4%	66.9%	50 - 150	
Spiroxamine	0.000	0.443	0.405	0.400	8.9%	< 30	110.7%	101.3%	50 - 150	
Tebuconazole	0.000	0.446	0.421	0.400	5.7%	< 30	111.5%	105.3%	50 - 150	
Thiacloprid	0.000	0.268	0.240	0.200	10.9%	< 30	133.8%	119.9%	50 - 150	
Thiamethoxam	0.000	0.181	0.157	0.200	14.3%	< 30	90.3%	78.3%	50 - 150	
Trifloxystrobin	0.000	0.299	0.272	0.200	9.4%	< 30	149.5%	136.0%	50 - 150	



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**Report Number:** 22-010470/D004.R000  
**Report Date:** 09/12/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/01/22 10:20

Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2207482

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0347	0.033	%	104	80.0	- 120	Acceptable	
CBDV	2	0.0368	0.033	%	110	80.0	- 120	Acceptable	
CBE	2	0.0352	0.033	%	106	80.0	- 120	Acceptable	
CBDA	1	0.0329	0.033	%	98.7	90.0	- 110	Acceptable	
CBGA	1	0.0329	0.033	%	99.6	80.0	- 120	Acceptable	
CBG	1	0.0355	0.036	%	98.4	80.0	- 120	Acceptable	
CBD	1	0.0343	0.036	%	95.8	90.0	- 110	Acceptable	
THCV	2	0.0349	0.033	%	105	80.0	- 120	Acceptable	
d8THCV	2	0.0344	0.033	%	103	80.0	- 120	Acceptable	
THCVA	2	0.0334	0.033	%	100	80.0	- 120	Acceptable	
CBN	1	0.0347	0.036	%	96.0	90.0	- 110	Acceptable	
exo-THC	2	0.0315	0.033	%	94.6	80.0	- 120	Acceptable	
d9THC	1	0.0369	0.039	%	95.8	90.0	- 110	Acceptable	
d8THC	1	0.0318	0.033	%	95.4	80.0	- 120	Acceptable	
CBL	2	0.0296	0.033	%	88.9	80.0	- 120	Acceptable	
d10THC	1	0.0278	0.033	%	83.5	80.0	- 120	Acceptable	
CBG	2	0.0316	0.033	%	94.8	80.0	- 120	Acceptable	
THCA	1	0.0343	0.032	%	108	90.0	- 110	Acceptable	
CBCA	2	0.0346	0.033	%	104	80.0	- 120	Acceptable	
CBLA	2	0.0342	0.033	%	103	80.0	- 120	Acceptable	
CBT	2	0.0273	0.033	%	81.8	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	
CBDA	<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	
CBG	<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





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Portland, OR 97230  
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**Purchase Order:**  
**Received:** 09/01/22 10:20

Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2207482						
Sample Duplicate		Sample ID: 22-010423-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00630	0.00630	0.003	%	0.0880	< 20	Acceptable	
CBD	0.000664	0.000718	0.003	%	7.73	< 20	Acceptable	
THCV	0.00215	0.00218	0.003	%	1.03	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.00299	0.00302	0.003	%	0.747	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.257	0.258	0.003	%	0.433	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.00507	0.00497	0.003	%	1.91	< 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	0.000968	0.00104	0.003	%	6.93	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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**Purchase Order:**  
**Received:** 09/01/22 10:20



Revision: Document ID:  
 Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2207565					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		495	572	µg/g	86.5	60 - 120	
Isobutane	ND	< 200		659	731	µg/g	90.2	60 - 120	
Butane	ND	< 200		658	731	µg/g	90.0	60 - 120	
2,2-Dimethylpropane	ND	< 200		881	936	µg/g	94.1	60 - 120	
Methanol	ND	< 200		1340	1650	µg/g	81.2	60 - 120	
Ethylene Oxide	ND	< 30		52.7	56.2	µg/g	93.8	60 - 120	
2-Methylbutane	ND	< 200		1290	1650	µg/g	78.2	60 - 120	
Pentane	ND	< 200		1290	1650	µg/g	78.2	60 - 120	
Ethanol	ND	< 200		1360	1660	µg/g	81.9	70 - 130	
Ethyl Ether	ND	< 200		1310	1630	µg/g	80.4	60 - 120	
2,2-Dimethylbutane	ND	< 30		126	189	µg/g	66.7	60 - 120	
Acetone	ND	< 200		1300	1650	µg/g	78.8	60 - 120	
2-Propanol	ND	< 200		1370	1650	µg/g	83.0	60 - 120	
Acetonitrile	ND	< 100		390	504	µg/g	77.4	60 - 120	
2,3-Dimethylbutane	ND	< 30		143	174	µg/g	82.2	60 - 120	
Dichloromethane	ND	< 60		437	521	µg/g	83.9	60 - 120	
2-Methylpentane	ND	< 30		152	187	µg/g	81.3	60 - 120	
3-Methylpentane	ND	< 30		156	188	µg/g	83.0	60 - 120	
Hexane	ND	< 30		154	182	µg/g	84.6	60 - 120	
Ethyl acetate	ND	< 200		1320	1630	µg/g	81.0	60 - 120	
2-Butanol	ND	< 200		1350	1630	µg/g	82.8	60 - 120	
Tetrahydrofuran	ND	< 100		406	506	µg/g	80.2	60 - 120	
Cyclohexane	ND	< 200		1290	1640	µg/g	78.7	60 - 120	
Benzene	ND	< 1		3.75	4.93	µg/g	76.1	60 - 120	
Isopropyl Acetate	ND	< 200		1320	1640	µg/g	80.5	60 - 120	
Heptane	ND	< 200		1280	1630	µg/g	78.5	60 - 120	
1,4-Dioxane	ND	< 100		413	493	µg/g	83.8	60 - 120	
2-Ethoxyethanol	ND	< 30		145	171	µg/g	84.8	60 - 120	
Ethylene Glycol	ND	< 200		434	494	µg/g	87.9	60 - 120	
Toluene	ND	< 100		415	506	µg/g	82.0	60 - 120	
Ethylbenzene	ND	< 200		859	996	µg/g	86.2	60 - 120	
m,p-Xylene	ND	< 200		805	1010	µg/g	79.7	60 - 120	
o-Xylene	ND	< 200		862	979	µg/g	88.0	60 - 120	
Cumene	ND	< 30		177	188	µg/g	94.1	60 - 120	
1,2-Dichloroethane	ND	< 1		1.03	1	µg/g	103.0	70 - 130	
Chloroform	ND	< 1		1.01	1	µg/g	101.0	70 - 130	
Trichloroethylene	ND	< 1		1	1	µg/g	100.0	70 - 130	



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**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/01/22 10:20

Revision: Document ID:  
Legacy ID: Effective:

QC - Sample Duplicate				Sample ID: 22-010405-0001				
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	
Acetonitrile	ND	ND	100	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	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	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	
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	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	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	
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	
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



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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	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.