



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

**Report Number:** 22-010468/D009.R000  
**Report Date:** 09/12/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/01/22 10:20

**Customer:**  
**Product identity:** Strawberry Squares 2372022EJB0000520 50mg D8  
**Client/Metric ID:** .  
**Laboratory ID:** 22-010468-0003

### Summary

**Potency:**

Analyte per 3.3g	Result	Limits	Units	Status	
Δ8-THC per 3.3g	49.5		mg/3.3g		CBD-Total per Serving Size <LOQ
					THC-Total per Serving Size <LOQ
(Reported in milligrams per serving)					

**Residual Solvents:**

Analyte	Result (µg/g)	Limits (µg/g)	Status
Methylene chloride	177	600	pass

**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:**

**Product identity:** Strawberry Squares 2372022EJB0000520 50mg D8  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-010468-0003  
**Evidence of Cooling:** No  
**Temp:** 24.1 °C  
**Relinquished by:** Client  
**Serving Size #1:** 3.3 g

**Sample Results**

Potency per 3.3g						Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2207482	Analyze: 9/6/22	10:39:00 AM
Analyte	Result	Limits	Units	LOQ	Notes					
CBD per 3.3g	< LOQ		mg/3.3g	0.106						
CBD-A per 3.3g	< LOQ		mg/3.3g	0.106						
CBD-Total per 3.3g	< LOQ		mg/3.3g	0.199						
CBG per 3.3g	< LOQ		mg/3.3g	0.106						
CBG-A per 3.3g	< LOQ		mg/3.3g	0.106						
CBG-Total per 3.3g	< LOQ		mg/3.3g	0.198						
CBN per 3.3g	< LOQ		mg/3.3g	0.106						
Δ10-THC per 3.3g	< LOQ		mg/3.3g	0.106						
Δ8-THC per 3.3g	49.5		mg/3.3g	1.06						
Δ9-THC per 3.3g	< LOQ		mg/3.3g	0.106						
THC-A per 3.3g	< LOQ		mg/3.3g	0.106						
THC-Total per 3.3g	< LOQ		mg/3.3g	0.199						

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>			

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

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0410 OAR 333-007-0430



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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	177	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	0.0194	2207492	09/06/22	AOAC 2013.06 (mod.) <sup>b</sup>	pass		
Cadmium	< LOQ	0.200	mg/kg	0.0194	2207492	09/06/22	AOAC 2013.06 (mod.) <sup>b</sup>	pass		
Lead	< LOQ	0.500	mg/kg	0.0194	2207492	09/06/22	AOAC 2013.06 (mod.) <sup>b</sup>	pass		
Mercury	< LOQ	0.100	mg/kg	0.00968	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/3.3g = Milligram per 3.3g

% = 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
Paclbutrazole	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	
Flonicamid	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:** 22-010468/D009.R000  
**Report Date:** 09/12/2022  
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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	
CBD A	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	
CB C	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	
CBD A	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBGA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBG	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBD	<LOQ	0.0006	%	< 0.0006	Acceptable	
THCV	<LOQ	0.0006	%	< 0.0006	Acceptable	
d8THCV	<LOQ	0.0006	%	< 0.0006	Acceptable	
THCVA	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBN	<LOQ	0.0006	%	< 0.0006	Acceptable	
exo-THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
d9THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
d8THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
CBL	<LOQ	0.0006	%	< 0.0006	Acceptable	
d10THC	<LOQ	0.0006	%	< 0.0006	Acceptable	
CB C	<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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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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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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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.