



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



**Report Number:** 22-006236/D006.R001  
**Report Date:** 11/09/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 05/31/22 10:44

This is an amended version of report# 22-006236/D006.R000.  
Reason: Updated reporting units.

**Customer:** Lifted Made  
**Product identity:** Raspberry Hibiscus BL-Puck 1432022LDB0000416 10mg D9  
**Client/Metric ID:** 20 servings per package; 1.875g per serving  
**Laboratory ID:** 22-006236-0001

### Summary

#### Potency:

Analyte	Result	Limits	Units	Status	
Δ9-THC	0.259		%		THC-Total per Serving Size 4.86 mg/1.88g
<b>Analyte per 1.88g</b>	<b>Result</b>	<b>Limits</b>	<b>Units</b>	<b>Status</b>	CBD-Total per Serving Size <LOQ
Δ9-THC per 1.88g	4.86		mg/1.88g		
<b>Analyte per 37.5g</b>	<b>Result</b>	<b>Limits</b>	<b>Units</b>	<b>Status</b>	THC-Total per Serving Size 97.1 mg/37.5g
Δ9-THC per 37.5g	97.1		mg/37.5g		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:

Analyte	Result	Units	Limit	Status
Lead	0.0794	mg/kg	0.500	pass

#### Microbiology:

Less than LOQ for all analytes.



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**Purchase Order:**  
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**Customer:** Lifted Made  
5511 95th Ave.  
Kenosha Wisconsin 53144  
United States of America (USA)

**Product identity:** Raspberry Hibiscus BL-Puck 1432022LDB0000416 10mg D9  
**Client/Metric ID:** 20 servings per package; 1.875g per serving

**Sample Date:**  
**Laboratory ID:** 22-006236-0001  
**Evidence of Cooling:** No  
**Temp:** 18.9 °C  
**Relinquished by:** UPS  
**Serving Size #1:** 1.875 g  
**Serving Size #2:** 37.5 g

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units %	Batch: 2204713	Analyze: 6/3/22 10:40:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD	< LOQ		%	0.00315	
CBD-A	< LOQ		%	0.00315	
CBD-Total	< LOQ		%	0.00592	
CBG	< LOQ		%	0.00315	
CBG-A	< LOQ		%	0.00315	
CBG-Total	< LOQ		%	0.00589	
CBN	< LOQ		%	0.00315	
Δ8-THC	< LOQ		%	0.00315	
Δ9-THC	0.259		%	0.00315	
THC-A	< LOQ		%	0.00315	
THC-Total	0.259		%	0.00592	
<b>Total Cannabinoids</b>	<b>0.259</b>		%		

Potency per 1.88g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2204713	Analyze: 6/3/22 10:40:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1.88g	< LOQ		mg/1.88g	0.118	
CBD-A per 1.88g	< LOQ		mg/1.88g	0.118	
CBD-Total per 1.88g	< LOQ		mg/1.88g	0.222	
CBG per 1.88g	< LOQ		mg/1.88g	0.118	
CBG-A per 1.88g	< LOQ		mg/1.88g	0.118	
CBG-Total per 1.88g	< LOQ		mg/1.88g	0.221	
CBN per 1.88g	< LOQ		mg/1.88g	0.118	
Δ8-THC per 1.88g	< LOQ		mg/1.88g	0.118	
Δ9-THC per 1.88g	4.86		mg/1.88g	0.0591	
THC-A per 1.88g	< LOQ		mg/1.88g	0.118	
THC-Total per 1.88g	4.86		mg/1.88g	0.111	

Potency per 37.5g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2204713	Analyze: 6/3/22 10:40:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes



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Potency per 37.5g Method: J AOAC 2015 V98-6 (mod)<sup>P</sup> Units mg/se Batch: 2204713 Analyze: 6/3/22 10:40:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 37.5g	< LOQ		mg/37.5g	1.18	
CBD-A per 37.5g	< LOQ		mg/37.5g	1.18	
CBD-Total per 37.5g	< LOQ		mg/37.5g	2.22	
CBG per 37.5g	< LOQ		mg/37.5g	1.18	
CBG-A per 37.5g	< LOQ		mg/37.5g	1.18	
CBG-Total per 37.5g	< LOQ		mg/37.5g	2.21	
CBN per 37.5g	< LOQ		mg/37.5g	1.18	
Δ8-THC per 37.5g	< LOQ		mg/37.5g	1.18	
Δ9-THC per 37.5g	97.1		mg/37.5g	1.18	
THC-A per 37.5g	< LOQ		mg/37.5g	1.18	
THC-Total per 37.5g	97.1		mg/37.5g	2.22	

**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2204605	06/03/22 AOAC 990.12 (Petrifilm) <sup>P</sup>		X
E.coli	< LOQ		cfu/g	10	2204603	06/03/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		X
Total Coliforms	< LOQ		cfu/g	10	2204603	06/03/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2204604	06/04/22 AOAC 2014.05 (RAPID) <sup>P</sup>		X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2204604	06/04/22 AOAC 2014.05 (RAPID) <sup>P</sup>		X

Solvents Method: Residual Solvents by GC/MS<sup>P</sup> Units µg/g Batch 2204806 Analyze 06/07/22 10:15 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-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 2204731 Analyze 06/03/22 01:17 PM

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		Acetamidiprid <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	
Bifentazate <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		Etoazole <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	0.0191	2204705	06/02/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass	X
Cadmium	< LOQ	0.200	mg/kg	0.0191	2204705	06/02/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass	X
Lead	0.0794	0.500	mg/kg	0.0191	2204705	06/02/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass	X
Mercury	< LOQ	0.100	mg/kg	0.00955	2204705	06/02/22 AOAC 2013.06 (mod.) <sup>b</sup>	pass	X



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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/1.88g = Milligram per 1.88g

mg/37.5g = Milligram per 37.5g

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager



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

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2204713

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.0344	0.033	%	103	80.0 - 120	Acceptable	
CBDV	1	0.0359	0.033	%	108	80.0 - 120	Acceptable	
CBE	1	0.0324	0.033	%	97.3	80.0 - 120	Acceptable	
CBDA	1	0.0327	0.033	%	98.1	90.0 - 110	Acceptable	
CBGA	1	0.0317	0.033	%	95.2	80.0 - 120	Acceptable	
CBG	1	0.0307	0.033	%	92.0	80.0 - 120	Acceptable	
CBD	1	0.0331	0.033	%	99.2	90.0 - 110	Acceptable	
THCV	1	0.0332	0.033	%	99.6	80.0 - 120	Acceptable	
d8THCV	1	0.0333	0.033	%	99.8	80.0 - 120	Acceptable	
THCVA	1	0.0328	0.033	%	98.5	80.0 - 120	Acceptable	
CBN	1	0.0334	0.033	%	100	90.0 - 110	Acceptable	
exo-THC	1	0.0315	0.033	%	94.4	80.0 - 120	Acceptable	
d9THC	1	0.0315	0.033	%	94.5	90.0 - 110	Acceptable	
d8THC	1	0.0301	0.033	%	90.3	80.0 - 120	Acceptable	
CBL	1	0.0303	0.033	%	91.0	80.0 - 120	Acceptable	
CBC	1	0.0329	0.033	%	98.6	80.0 - 120	Acceptable	
THCA	1	0.0332	0.033	%	99.6	90.0 - 110	Acceptable	
CBCA	1	0.0336	0.033	%	101	80.0 - 120	Acceptable	
CBLA	1	0.0346	0.033	%	104	80.0 - 120	Acceptable	
CBT	1	0.0286	0.033	%	85.8	80.0 - 120	Acceptable	

Method Blank

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

Abbreviations

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

Units of Measure:

%- Percent



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

Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2204713						
Sample Duplicate		Sample ID: 22-006236-0001						
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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.258	0.259	0.003	%	0.185	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	<LOQ	<LOQ	0.003	%	NA	< 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	<LOQ	<LOQ	0.003	%	NA	< 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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Revision: 3 Document ID: 3120  
 LegacyID: CFLC21WorksheetValidated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg			Batch ID 2204731			
Method Bank	Laboratory Control Sample							
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS% Re	Limits	Notes
Abamectin	0.00	< 0.250		1.059	1.00	105.9	50.0 150	
Acephate	0.00	< 0.250		0.976	1.00	97.6	60.0 120	
Acequinocyl	0.00	< 1.000		3.040	4.00	76.0	40.0 160	
Acetamiprid	0.00	< 0.100		0.401	0.40	100.3	60.0 120	
Aldicarb	0.00	< 0.200		0.827	0.80	103.4	60.0 120	
Azoxystrobin	0.00	< 0.100		0.411	0.40	102.8	60.0 120	
Bfenazate	0.00	< 0.100		0.399	0.40	99.8	60.0 120	
Bifenthrin	0.00	< 0.100		0.370	0.40	92.6	50.0 150	
Boscalid	0.00	< 0.200		0.808	0.80	100.9	60.0 120	
Carbaryl	0.00	< 0.100		0.394	0.40	98.5	60.0 120	
Carbofuran	0.00	< 0.100		0.408	0.40	100.7	60.0 120	
Chlorantraniliprole	0.00	< 0.100		0.418	0.40	104.5	60.0 120	
Chlorfenapyr	0.00	< 0.500		1.888	2.00	94.4	60.0 120	
Chlorpyrifos	0.00	< 0.100		0.391	0.40	97.7	60.0 120	
Clofentezane	0.00	< 0.100		0.139	0.40	34.8	60.0 120	Q6
Cyfluthrin	0.00	< 0.500		1.990	2.00	99.5	50.0 150	
Cypermethrin	0.00	< 0.500		1.991	2.00	99.5	50.0 150	
Daminozide	0.00	< 0.500		0.612	2.00	30.6	60.0 120	Q6
Diazinon	0.00	< 0.100		0.414	0.40	103.4	60.0 120	
Dichlorvos	0.00	< 0.500		2.247	2.00	112.4	60.0 120	
Dimethoate	0.00	< 0.100		0.409	0.40	102.2	60.0 120	
Ethiofoprofos	0.00	< 0.100		0.417	0.40	104.3	60.0 120	
Etofenprox	0.00	< 0.200		0.785	0.80	98.1	50.0 150	
Etoxazole	0.00	< 0.100		0.432	0.40	107.9	60.0 120	
Fenoxycarb	0.00	< 0.100		0.413	0.40	103.3	60.0 120	
Fenproximate	0.00	< 0.200		0.815	0.80	101.9	60.0 120	
Fipronil	0.00	< 0.200		0.806	0.80	100.8	60.0 120	
Fonicamid	0.00	< 0.250		0.952	1.00	95.2	60.0 120	
Fudioxonil	0.00	< 0.200		0.803	0.80	100.4	50.0 150	
Hexythiazox	0.00	< 0.250		1.004	1.00	100.4	60.0 120	
Imazail	0.00	< 0.100		0.387	0.40	96.6	60.0 120	
Imidacloprid	0.00	< 0.200		0.765	0.80	95.6	60.0 120	
Kiesoxim-methyl	0.00	< 0.200		0.769	0.80	96.2	60.0 120	
Malathion	0.00	< 0.100		0.409	0.40	102.3	60.0 120	
Metaxyl	0.00	< 0.100		0.417	0.40	104.2	60.0 120	
Methiocarb	0.00	< 0.100		0.395	0.40	98.8	60.0 120	
Methomyl	0.00	< 0.200		0.735	0.80	92.0	60.0 120	
MCK-264	0.00	< 0.100		0.427	0.40	106.6	50.0 150	
Myobutanil	0.00	< 0.100		0.390	0.40	97.5	60.0 120	
Naled	0.00	< 0.250		0.481	1.00	48.1	50.0 150	Q6
Oxaryl	0.00	< 0.500		1.831	2.00	91.6	60.0 120	
Padobutrazole	0.00	< 0.200		0.861	0.80	107.6	60.0 120	
Parathion-Methyl	0.00	< 0.200		0.697	0.80	87.2	50.0 150	
Permethrin	0.00	< 0.100		0.381	0.40	95.3	50.0 150	
Phosmet	0.00	< 0.100		0.413	0.40	103.1	50.0 150	
Piperonyl butoxide	0.00	< 0.500		2.209	2.00	110.4	60.0 120	
Prallethrin	0.00	< 0.100		0.407	0.40	101.7	60.0 120	
Propiconazole	0.00	< 0.200		0.822	0.80	102.8	60.0 120	
Propoxur	0.00	< 0.100		0.416	0.40	103.9	60.0 120	
Pyrethrin (Summe)	0.00	< 0.100		0.433	0.413	104.8	60.0 120	
Pyridaben	0.00	< 0.100		0.398	0.40	99.4	50.0 150	
Spirosad	0.00	< 0.100		0.418	0.388	107.8	50.0 150	
Spiromesfen	0.00	< 0.100		0.395	0.40	98.7	60.0 120	
Spirotetramat	0.00	< 0.100		0.395	0.40	98.7	60.0 120	
Spiroxamine	0.00	< 0.200		0.829	0.80	103.6	60.0 120	
Tebuconazole	0.00	< 0.200		0.829	0.80	103.6	60.0 120	
Thiadoprid	0.00	< 0.100		0.423	0.40	105.7	60.0 120	
Thiamethoxam	0.00	< 0.100		0.374	0.40	93.5	60.0 120	
Trifloxystrobin	0.00	< 0.100		0.407	0.40	101.8	60.0 120	





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**Report Number:** 22-006236/D006.R001  
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Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg				Batch ID 2204731				
Matrix Spike/Matrix Spike Duplicate Recoveries	Result	MS Res	MSD Res	Spike	PPD%	Limit	MS% Re	MSD % Re	Limits	Notes
Abamectin	0.001	0.942	0.928	1.000	1.4%	< 30	94.1%	92.8%	50 - 150	
Acephate	0.000	1.209	1.209	1.000	0.0%	< 30	1209%	1209%	50 - 150	
Acequinocyl	0.000	4.485	4.127	4.000	8.3%	< 30	112.1%	103.2%	50 - 150	
Acetamiprid	0.000	0.488	0.491	0.400	0.7%	< 30	122.0%	122.8%	50 - 150	
Aldicarb	0.000	0.952	0.959	0.800	0.7%	< 30	119.0%	119.9%	50 - 150	
Azoxystrobin	0.000	0.469	0.474	0.400	1.1%	< 30	117.3%	118.6%	50 - 150	
Bifenazate	0.000	0.385	0.407	0.400	5.4%	< 30	96.4%	101.8%	50 - 150	
Bifenthrin	0.000	0.401	0.399	0.400	0.5%	< 30	100.2%	99.8%	50 - 150	
Boscalid	0.000	0.848	0.801	0.800	5.6%	< 30	105.9%	100.2%	50 - 150	
Carbaryl	0.000	0.548	0.555	0.400	1.6%	< 30	137.0%	139.1%	50 - 150	
Carbofuran	0.000	0.469	0.464	0.400	1.0%	< 30	117.2%	116.1%	50 - 150	
Chlorantraniliprole	0.000	0.429	0.429	0.400	0.1%	< 30	107.3%	107.2%	50 - 150	
Chlorfenapyr	0.000	2.066	1.904	2.000	8.1%	< 30	103.3%	95.2%	50 - 150	
Chlorpyrifos	0.000	0.400	0.403	0.400	0.6%	< 30	100.1%	100.7%	50 - 150	
Clofentezane	0.000	0.385	0.401	0.400	4.1%	< 30	96.4%	100.4%	50 - 150	
Cyfluthrin	0.000	2.690	2.842	2.000	5.5%	< 30	134.5%	142.1%	30 - 150	
Cypermethrin	0.000	2.576	2.553	2.000	0.9%	< 30	128.8%	127.7%	50 - 150	
Daminozide	0.000	0.974	0.987	2.000	1.3%	< 30	48.7%	49.3%	30 - 150	
Diazinon	0.000	0.430	0.441	0.400	2.7%	< 30	107.4%	110.3%	50 - 150	
Dichlorvos	0.000	2.308	2.345	2.000	1.8%	< 30	115.2%	117.3%	50 - 150	
Dimethoate	0.000	0.498	0.498	0.400	1.2%	< 30	123.2%	124.6%	50 - 150	
Ethionprophos	0.000	0.435	0.452	0.400	3.8%	< 30	108.7%	112.9%	50 - 150	
Etofenprox	0.000	0.853	0.854	0.800	0.2%	< 30	106.8%	106.8%	50 - 150	
Etoxazole	0.000	0.420	0.422	0.400	0.5%	< 30	105.0%	105.5%	50 - 150	
Fenoxycarb	0.000	0.498	0.508	0.400	2.1%	< 30	123.2%	125.8%	50 - 150	
Fenpyroximate	0.000	0.963	0.995	0.800	3.3%	< 30	120.3%	124.4%	50 - 150	
Fipronil	0.000	1.387	1.388	0.800	0.1%	< 30	173.4%	173.6%	50 - 150	Q
Fonicamid	0.000	1.005	1.165	1.000	14.7%	< 30	100.5%	116.5%	50 - 150	
Fludioxonil	0.000	0.742	0.783	0.800	5.4%	< 30	92.7%	97.9%	50 - 150	
Hexythiazox	0.000	1.121	1.132	1.000	1.0%	< 30	112.1%	113.2%	50 - 150	
Imazalil	0.000	0.445	0.450	0.400	1.0%	< 30	111.4%	112.5%	50 - 150	
Imidacloprid	0.000	0.657	0.686	0.800	4.4%	< 30	82.1%	85.8%	50 - 150	
Kiesoxim-methyl	0.000	0.833	0.871	0.800	4.5%	< 30	104.1%	108.9%	50 - 150	
Malathion	0.000	0.498	0.463	0.400	1.1%	< 30	114.6%	115.9%	50 - 150	
Metaxyl	0.000	0.463	0.462	0.400	0.3%	< 30	115.7%	115.4%	50 - 150	
Methiocarb	0.000	0.438	0.435	0.400	0.5%	< 30	109.6%	109.0%	50 - 150	
Methomyl	0.000	0.794	0.782	0.800	1.6%	< 30	99.3%	97.7%	50 - 150	
MCK-264	0.000	0.583	0.575	0.400	1.4%	< 30	145.8%	143.7%	50 - 150	
Mydobutani	0.000	0.435	0.450	0.400	3.3%	< 30	108.8%	112.4%	50 - 150	
Naled	0.000	1.265	1.289	1.000	1.8%	< 30	126.6%	128.9%	50 - 150	
Oxaryl	0.000	1.881	1.891	2.000	0.5%	< 30	94.1%	94.5%	50 - 150	
Padobutrazole	0.000	1.338	1.316	0.800	1.7%	< 30	167.3%	164.5%	50 - 150	Q
Parathion-Methyl	0.000	0.832	0.905	0.800	8.6%	< 30	103.9%	113.2%	30 - 150	
Permethrin	0.000	0.399	0.411	0.400	2.8%	< 30	99.9%	102.7%	50 - 150	
Phosmet	0.000	0.454	0.498	0.400	8.2%	< 30	113.6%	123.3%	50 - 150	
Piperonyl butoxide	0.000	2.231	2.309	2.000	3.4%	< 30	111.6%	115.4%	50 - 150	
Prallethrin	0.000	0.599	0.604	0.400	0.9%	< 30	149.7%	151.0%	50 - 150	Q
Propiconazole	0.000	1.318	1.328	0.800	0.8%	< 30	164.8%	166.0%	50 - 150	Q
Propoxur	0.000	0.488	0.497	0.400	1.9%	< 30	121.3%	124.2%	50 - 150	
Pyrethrin (Summe)	0.000	0.446	0.435	0.413	2.1%	< 30	108.0%	110.3%	50 - 150	
Pyridaben	0.000	0.550	0.569	0.400	3.2%	< 30	137.6%	142.1%	50 - 150	
Spinosad	0.000	0.462	0.458	0.388	0.8%	< 30	119.1%	118.1%	50 - 150	
Spiromesfen	0.000	0.491	0.501	0.400	2.0%	< 30	122.9%	125.4%	50 - 150	
Spirotetramat	0.000	0.314	0.313	0.400	0.2%	< 30	78.4%	78.2%	50 - 150	
Spiroxamine	0.000	0.945	0.931	0.800	1.5%	< 30	118.2%	116.4%	50 - 150	
Tebuconazole	0.000	1.231	1.210	0.800	1.7%	< 30	153.8%	151.3%	50 - 150	Q
Thiadoprid	0.000	0.501	0.518	0.400	3.5%	< 30	125.1%	129.6%	50 - 150	
Thiamethoxam	0.000	0.420	0.417	0.400	0.6%	< 30	104.9%	104.3%	50 - 150	
Trifloxystrobin	0.000	0.428	0.432	0.400	1.0%	< 30	107.0%	108.1%	50 - 150	



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**Report Number:** 22-006236/D006.R001  
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Revision: Document ID:  
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Laboratory Quality Control Results

Residual Solvents				Batch ID: 2204806					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		391	572	µg/g	68.4	60 - 120	
Isobutane	ND	< 200		538	731	µg/g	73.6	60 - 120	
Butane	ND	< 200		521	731	µg/g	71.3	60 - 120	
2,2-Dimethylpropane	ND	< 200		642	938	µg/g	68.6	60 - 120	
Methanol	ND	< 200		1350	1650	µg/g	81.8	60 - 120	
Ethylene Oxide	ND	< 30		44.6	56.2	µg/g	79.4	60 - 120	
2-Methylbutane	ND	< 200		1370	1620	µg/g	84.6	60 - 120	
Pentane	ND	< 200		1350	1610	µg/g	83.9	60 - 120	
Ethanol	ND	< 200		1260	1620	µg/g	77.8	70 - 130	
Ethyl Ether	ND	< 200		1320	1600	µg/g	82.5	60 - 120	
2,2-Dimethylbutane	ND	< 30		137	167	µg/g	82.0	60 - 120	
Acetone	ND	< 200		1380	1620	µg/g	85.2	60 - 120	
2-Propanol	ND	< 200		1260	1610	µg/g	78.3	60 - 120	
Acetonitrile	ND	< 100		527	635	µg/g	83.0	60 - 120	
2,3-Dimethylbutane	ND	< 30		149	177	µg/g	84.2	60 - 120	
Dichloromethane	ND	< 60		447	498	µg/g	89.8	60 - 120	
2-Methylpentane	ND	< 30		135	166	µg/g	81.3	60 - 120	
3-Methylpentane	ND	< 30		141	175	µg/g	80.6	60 - 120	
Hexane	ND	< 30		139	174	µg/g	79.9	60 - 120	
Ethyl acetate	ND	< 200		1310	1610	µg/g	81.4	60 - 120	
2-Butanol	ND	< 200		1260	1620	µg/g	77.8	60 - 120	
Tetrahydrofuran	ND	< 100		414	507	µg/g	81.7	60 - 120	
Cyclohexane	ND	< 200		1320	1610	µg/g	82.0	60 - 120	
Benzene	ND	< 1		4.23	5.22	µg/g	81.0	60 - 120	
Isopropyl Acetate	ND	< 200		1300	1610	µg/g	80.7	60 - 120	
Heptane	ND	< 200		1310	1610	µg/g	81.4	60 - 120	
1,4-Dioxane	ND	< 100		411	508	µg/g	80.9	60 - 120	
2-Ethoxyethanol	ND	< 30		116	165	µg/g	70.3	60 - 120	
Ethylene Glycol	ND	< 200		356	492	µg/g	72.4	60 - 120	
Toluene	ND	< 100		395	497	µg/g	79.5	60 - 120	
Ethylbenzene	ND	< 200		788	980	µg/g	80.2	60 - 120	
m,p-Xylene	ND	< 200		788	985	µg/g	79.8	60 - 120	
o-Xylene	ND	< 200		776	965	µg/g	80.4	60 - 120	
Cumene	ND	< 30		130	168	µg/g	77.4	60 - 120	



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QC- Sample Duplicate Sample ID: 22-006238-0001

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	
Pertane	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	

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.