



This is an amended version of report# 26-002153/D003.R000.

Reason: Updated product information.

Customer: The Hemp Collect
 2014 SE 9th Ave
 Portland Oregon 97214
 United States of America (USA)

Product identity: Live D9 Knockout, Passionfruit, 20mg

Material: Cannabinoid Edible

Laboratory ID: 26-002153-0002

Evidence of Cooling: No

Temp: 14.9 °C

Lot #: 3032NC_021426

Expiration Date (Client Provided): 02/26/2028

Serving Size #1: 8 g



**THE HEMP
COLLECT**

Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b		Batch: 2601383		Analyzed: 02/20/26	
Analyte	Result	Units	LOQ	Notes	Serving Size #1					
					Result	Units	LOQ			
CBC	0.0582	%	0.0077		4.66	mg/8g	0.617			
CBC-A	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBC-Total	0.0582	%	0.0145		4.66	mg/8g	1.16			
CBD [±]	0.00935	%	0.0077		0.748	mg/8g	0.617			
CBD-A [±]	0.0127	%	0.0077		1.02	mg/8g	0.617			
CBD-Total [±]	0.0205	%	0.0145		1.64	mg/8g	1.16			
CBDV	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBDV-A	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBDV-Total	< LOQ	%	0.0144		< LOQ	mg/8g	1.15			
CBE	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBG	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBG-A	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBG-Total	< LOQ	%	0.0144		< LOQ	mg/8g	1.15			
CBL	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBL-A	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
CBL-Total	< LOQ	%	0.0145		< LOQ	mg/8g	1.16			
CBN	0.115	%	0.0077		9.18	mg/8g	0.617			
CBT	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ10-THC-9R	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ10-THC-9S	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ10-THC-Total	< LOQ	%	0.0154		< LOQ	mg/8g	1.23			
Δ8-THC [±]	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ8-THCV	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ9-THC [±]	0.261	%	0.0077		20.9	mg/8g	0.617			
Δ9-THC-A [±]	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ9-THC-Total [±]	0.261	%	0.0145		20.9	mg/8g	1.16			
Δ9-THCP	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			
Δ9-THCV	< LOQ	%	0.0077		< LOQ	mg/8g	0.617			



Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Batch: 2601383	Analyzed: 02/20/26
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Analyte	Result	Units	LOQ	Notes	Serving Size #1	Result	Units	LOQ
Δ9-THCV-A	< LOQ	%	0.0077			< LOQ	mg/8g	0.617
Δ9-THCV-Total	< LOQ	%	0.0144			< LOQ	mg/8g	1.15
exo-THC	< LOQ	%	0.0077			< LOQ	mg/8g	0.617
Total Cannabinoids	0.456	%				36.5	mg/8g	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Salmonella spp. [±]	Negative		/25g		2601326	02/21/26 AOAC 2020.02 ^b		
EHEC including STEC [±]	Negative		/25g		2601327	02/21/26 AOAC 2020.06 ^b		

Solvents	Method: Residual Solvents by HS-GC-MS ^b	Units µg/g	Batch 2601463	Analyze: 02/21/26
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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 2601411	Analyze: 02/24/26
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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 (sum) [±]	< 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	



Pesticides										
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2601411		Analyze: 02/24/26
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status
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	0.0187	2601423	02/23/26 AOAC 2013.06 (mod.) ^b	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0187	2601423	02/23/26 AOAC 2013.06 (mod.) ^b	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0187	2601423	02/23/26 AOAC 2013.06 (mod.) ^b	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00937	2601423	02/23/26 AOAC 2013.06 (mod.) ^b	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2601434	02/24/26 Mycotoxins by AOAC 2007.01		
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2601434	02/24/26 Mycotoxins by AOAC 2007.01		
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2601434	02/24/26 Mycotoxins by AOAC 2007.01		
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2601434	02/24/26 Mycotoxins by AOAC 2007.01		
Ochratoxin A [±]	< LOQ	20.0	µg/kg	5.00	2601434	02/24/26 Mycotoxins by AOAC 2007.01	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		02/25/26 Mycotoxins by AOAC 2007.01 ^b	pass	

Notes:

Measurement of Uncertainty for D9 THC in edibles is +/- 7.5%.

**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.

Threshold Note: OAR 333-007-0400

▷ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

Units of Measure

% wt = µg/g divided by 10,000

/25g = Per 25g

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

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

% = Percentage of sample

mg/8g = Milligram per 8g

Approved Signatory



Derrick Tanner
General Manager





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



Report Number: 26-002153/D003.R001
Report Date: 04/13/2026
ORELAP#: OR100028
Received: 02/19/26 09:50



**Hemp & Cannabis
Chain of Custody**

**The-Hemp-
Collect-1771457389**

Company Details Company: The Hemp Collect Contact: Skylar Canales Street Address: 2014 SE 9th Ave City, State, Zip: Portland, OR 97214 Email: skylar@thehempcollect.com Email, CC: sierra@thehempcollect.com Contact Phone: 2106336258 Company Phone: 5034386783 Billing Information Billing Phone: 5034386783 Billing Email: accounting@thehempcollect.com		Project Details Turnaround Time: 5 Business Days Reg. For Micro Testing Standard Relinquishment Sampling, Courier & Shipping Options: By Shipping Service (USPS, UPS, FedEx) Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves		Testing CH005 - Oregon Package			
#	Sample Name	Lot Additional Sample ID	Material	Amount Provided	Reporting Unit	Specifications	
1	Live D9, Knockout, Oregon Huckleberry, 20mg VERSION 2	3009.ZNC..021426	Cannabinoid Edible	10 each	mg/g	Please report mg/g per 8g	✓
2	Live D8 Knockout, Passionfruit, 20mg	3032NC..021426	Cannabinoid Edible	10 each	mg/g	Please report mg/g per 8g	✓
3	Live D9 Daytrip, Mango, 20mg	3031NC..021526	Cannabinoid Edible	10 each	mg/g	Please report mg/g per 8g	✓

Package Details

Oregon Package: Aflatoxins+Ochratoxin | OLCC • Cannabis Heavy Metals Profile OR • Micro Profile OR (OLCC Comp) • Pesticides (OR - Cannabis) • Potency Cannabis (Basic+Expanded) • Residual Solvents (Cannabis - Oregon)

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
Skylar Canales	02/18/2026	15:29	cnn	02/19/2026	09:50	14.90	CL-1243

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

Columbia Laboratories
12423 NE Whitaker Way
Portland, OR 97230

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

Page 1 of 1
www.columbialaboratories.com


Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2601383				
Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0316	0.0327	%	96.6	80.0	- 120	Acceptable	
CBDV	2	0.0310	0.0317	%	97.8	80.0	- 120	Acceptable	
CBE	2	0.0347	0.0348	%	99.7	80.0	- 120	Acceptable	
CBDA	1	0.0290	0.0299	%	96.9	90.0	- 110	Acceptable	
CBGA	1	0.0306	0.0311	%	98.2	80.0	- 120	Acceptable	
CBG	1	0.0286	0.0294	%	97.3	80.0	- 120	Acceptable	
CBD	1	0.0276	0.0275	%	100	90.0	- 110	Acceptable	
THCV	2	0.0313	0.0322	%	97.2	80.0	- 120	Acceptable	
d8THCV	2	0.0333	0.0337	%	98.9	80.0	- 120	Acceptable	
THCVA	2	0.0326	0.0334	%	97.6	80.0	- 120	Acceptable	
CBN	1	0.0288	0.0288	%	100	80.0	- 120	Acceptable	
exo-THC	2	0.0294	0.0303	%	97.2	80.0	- 120	Acceptable	
d9THC	1	0.0288	0.0285	%	101	90.0	- 110	Acceptable	
d8THC	1	0.0286	0.0305	%	93.9	90.0	- 110	Acceptable	
9S-d10THC	1	0.0313	0.0320	%	98.1	80.0	- 120	Acceptable	
CBL	2	0.0315	0.0333	%	94.5	80.0	- 120	Acceptable	
9R-d10THC	1	0.0336	0.0343	%	97.9	80.0	- 120	Acceptable	
CBC	2	0.0321	0.0327	%	98.2	80.0	- 120	Acceptable	
THCA	1	0.0288	0.0300	%	96.1	90.0	- 110	Acceptable	
CBCA	2	0.0332	0.0342	%	97.2	80.0	- 120	Acceptable	
CBLA	2	0.0328	0.0339	%	96.7	80.0	- 120	Acceptable	
d9THCP	2	0.0336	0.0346	%	97.2	80.0	- 120	Acceptable	
CBT	2	0.0291	0.0300	%	96.8	80.0	- 120	Acceptable	
Method Blank									
Analyte		Result	LOQ	Units		Limits		Evaluation	Notes
CBDVA		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBDV		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBE		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBDA		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBGA		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBG		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBD		<LOQ	0.00746	%		< 0.00746		Acceptable	
THCV		<LOQ	0.00746	%		< 0.00746		Acceptable	
d8THCV		<LOQ	0.00746	%		< 0.00746		Acceptable	
THCVA		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBN		<LOQ	0.00746	%		< 0.00746		Acceptable	
exo-THC		<LOQ	0.00746	%		< 0.00746		Acceptable	
d9THC		<LOQ	0.00746	%		< 0.00746		Acceptable	
d8THC		<LOQ	0.00746	%		< 0.00746		Acceptable	
9S-d10THC		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBL		<LOQ	0.00746	%		< 0.00746		Acceptable	
9R-d10THC		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBC		<LOQ	0.00746	%		< 0.00746		Acceptable	
THCA		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBCA		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBLA		<LOQ	0.00746	%		< 0.00746		Acceptable	
d9THCP		<LOQ	0.00746	%		< 0.00746		Acceptable	
CBT		<LOQ	0.00746	%		< 0.00746		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: 2601383					
Sample Duplicate			Sample ID: 26-002152-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00747	%	NA	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBG	0.112	0.109	0.00747	%	2.38	< 20	Acceptable	
CBD	0.110	0.108	0.00747	%	1.84	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00747	%	NA	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00747	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00747	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00747	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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: 2601411			
Method Blank			Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.070		0.254	0.280	90.7	50.0 150	
Acephate	0.000	< 0.020		0.094	0.080	117.2	60.0 120	
Acequinocyl	0.000	< 0.020		0.056	0.080	70.4	40.0 160	
Acetamiprid	0.000	< 0.020		0.080	0.080	99.8	60.0 120	
Aldicarb	0.000	< 0.100		0.374	0.400	93.6	60.0 120	
Azoxystrobin	0.000	< 0.010		0.036	0.040	91.0	60.0 120	
Bifenazate	0.000	< 0.010		0.038	0.040	93.9	60.0 120	
Bifenthrin	0.000	< 0.100		0.319	0.400	79.8	50.0 150	
Boscalid	0.001	< 0.010		0.040	0.040	101.1	60.0 120	
Carbaryl	0.000	< 0.020		0.071	0.080	88.4	60.0 120	
Carbofuran	0.000	< 0.010		0.038	0.040	95.4	60.0 120	
Chlorantraniliprole	0.000	< 0.010		0.038	0.040	96.1	60.0 120	
Chlorfenapyr	0.000	< 0.050		0.176	0.200	87.8	60.0 120	
Chlorpyrifos	0.001	< 0.010		0.035	0.040	87.1	60.0 120	
Clofentezine	0.002	< 0.010		0.035	0.040	87.6	60.0 120	
Cyfluthrin	0.000	< 0.200		0.727	0.800	90.9	50.0 150	
Cypermethrin	0.016	< 0.200		0.697	0.800	87.1	50.0 150	
Daminozide	0.000	< 0.050		0.060	0.200	30.2	60.0 120	Q7
Diazinon	0.000	< 0.010		0.035	0.040	87.6	60.0 120	
Dichlorvos	0.000	< 0.050		0.193	0.200	96.5	60.0 120	
Dimethoate	0.000	< 0.010		0.038	0.040	96.0	60.0 120	
Ethoprophos	0.000	< 0.010		0.035	0.040	87.4	60.0 120	
Etofenprox	0.002	< 0.010		0.033	0.040	83.5	50.0 150	
Etoazole	0.000	< 0.010		0.034	0.040	85.4	60.0 120	
Fenoxycarb	0.000	< 0.010		0.036	0.040	90.9	60.0 120	
Fenpyroximate	0.002	< 0.020		0.070	0.080	87.4	60.0 120	
Fipronil	0.000	< 0.010		0.036	0.040	90.4	60.0 120	
Flonicamid	0.000	< 0.020		0.079	0.080	99.3	60.0 120	
Fludioxonil	0.000	< 0.010		0.040	0.040	99.2	50.0 150	
Hexythiazox	0.002	< 0.010		0.035	0.040	87.3	60.0 120	
Imazalil	0.000	< 0.010		0.036	0.040	89.6	60.0 120	
Imidacloprid	0.000	< 0.010		0.035	0.040	87.7	60.0 120	
Kresoxim-methyl	0.000	< 0.010		0.035	0.040	87.9	60.0 120	
Malathion	0.000	< 0.010		0.037	0.040	92.1	60.0 120	
Metalaxyl	0.000	< 0.010		0.036	0.040	90.2	60.0 120	
Methiocarb	0.000	< 0.010		0.036	0.040	90.0	60.0 120	
Methomyl	0.000	< 0.020		0.076	0.080	94.8	60.0 120	
MGK-264	0.000	< 0.050		0.185	0.200	92.5	50.0 150	
Myclobutanil	0.010	< 0.010		0.036	0.040	90.4	60.0 120	
Naled	0.000	< 0.100		0.378	0.400	94.6	50.0 150	
Oxamyl	0.000	< 0.200		0.746	0.800	93.3	60.0 120	
Paclobutrazole	0.001	< 0.010		0.038	0.040	95.2	60.0 120	
Parathion-Methyl	0.017	< 0.030		0.125	0.120	104.4	50.0 150	
Permethrin	0.000	< 0.040		0.140	0.160	87.2	50.0 150	
Phosmet	0.000	< 0.010		0.038	0.040	94.8	50.0 150	
Piperonyl butoxide	0.000	< 0.200		0.744	0.800	93.0	60.0 120	
Prallethrin	0.000	< 0.050		0.178	0.200	88.8	60.0 120	
Propiconazole	0.000	< 0.010		0.038	0.040	94.4	60.0 120	
Propoxur	0.000	< 0.010		0.037	0.040	93.3	60.0 120	
Pyrethrin (Summe)	0.002	< 0.100		0.097	0.100	97.1	60.0 120	
Pyridaben	0.002	< 0.020		0.065	0.080	81.8	50.0 150	
Spinosad	0.000	< 0.100		0.038	0.040	94.4	50.0 150	
Spiromesifen	0.002	< 0.030		0.125	0.120	103.9	60.0 120	
Spirotetramat	0.000	< 0.010		0.037	0.040	92.0	60.0 120	
Spiroxamine	0.000	< 0.010		0.037	0.040	93.0	60.0 120	

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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: 2601411				
Matrix Spike/Matrix Spike Duplicate Recoveries						Sample ID: S 26-00213-0001					
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Abamectin	0.000	0.190	0.168	0.280	12.1%	< 30	67.8%	60.1%	50 - 150		
Acephate	0.000	0.084	0.078	0.080	8.1%	< 30	105.2%	97.0%	50 - 150		
Acequinocyl	0.000	0.037	0.037	0.080	1.1%	< 30	45.8%	46.3%	50 - 150	Q	
Acetamiprid	0.000	0.069	0.066	0.080	5.7%	< 30	86.9%	82.1%	50 - 150		
Aldicarb	0.000	0.343	0.326	0.400	5.0%	< 30	85.8%	81.6%	50 - 150		
Azoxystrobin	0.000	0.033	0.032	0.040	5.8%	< 30	83.6%	78.9%	50 - 150		
Bifenazate	0.000	0.036	0.035	0.040	3.7%	< 30	90.2%	86.9%	50 - 150		
Bifenthrin	0.000	0.178	0.179	0.400	0.5%	< 30	44.4%	44.7%	50 - 150	Q	
Boscalid	0.000	0.028	0.028	0.040	1.3%	< 30	70.9%	70.0%	50 - 150		
Carbaryl	0.000	0.067	0.068	0.080	1.0%	< 30	84.0%	84.8%	50 - 150		
Carbofuran	0.000	0.033	0.031	0.040	6.4%	< 30	81.5%	76.5%	50 - 150		
Chlorantraniliprole	0.000	0.032	0.031	0.040	1.1%	< 30	79.1%	78.2%	50 - 150		
Chlorfenapyr	0.000	0.137	0.137	0.200	0.2%	< 30	68.4%	68.6%	50 - 150		
Chlorpyrifos	0.000	0.034	0.035	0.040	4.4%	< 30	84.8%	88.6%	50 - 150		
Clofentezine	0.000	0.031	0.032	0.040	1.8%	< 30	77.6%	78.9%	50 - 150		
Cyfluthrin	0.000	0.359	0.346	0.800	3.7%	< 30	44.9%	43.3%	30 - 150		
Cypermethrin	0.000	0.376	0.411	0.800	9.0%	< 30	47.0%	51.4%	50 - 150	Q	
Daminozide	0.000	0.054	0.041	0.200	27.1%	< 30	27.2%	20.7%	30 - 150	Q	
Diazinon	0.000	0.035	0.034	0.040	1.0%	< 30	86.3%	85.4%	50 - 150		
Dichlorvos	0.000	0.165	0.156	0.200	5.6%	< 30	82.7%	78.2%	50 - 150		
Dimethoate	0.000	0.033	0.033	0.040	0.1%	< 30	81.4%	81.5%	50 - 150		
Ethoprophos	0.000	0.033	0.032	0.040	4.2%	< 30	82.9%	79.5%	50 - 150		
Etofenprox	0.000	0.027	0.026	0.040	2.7%	< 30	67.1%	65.3%	50 - 150		
Etoazole	0.000	0.055	0.054	0.040	0.8%	< 30	136.7%	135.6%	50 - 150		
Fenoxycarb	0.000	0.032	0.033	0.040	2.4%	< 30	80.1%	82.1%	50 - 150		
Fenpyroximate	0.000	0.051	0.051	0.080	0.7%	< 30	63.9%	64.3%	50 - 150		
Fipronil	0.000	0.032	0.027	0.040	17.7%	< 30	79.2%	66.4%	50 - 150		
Flonicamid	0.000	0.061	0.057	0.080	6.3%	< 30	75.8%	71.1%	50 - 150		
Fludioxonil	0.000	0.030	0.038	0.040	22.6%	< 30	75.1%	94.3%	50 - 150		
Hexythiazox	0.000	0.007	0.007	0.040	0.1%	< 30	17.5%	17.5%	50 - 150	Q	
Imazalil	0.000	0.032	0.035	0.040	9.2%	< 30	80.8%	88.6%	50 - 150		
Imidacloprid	0.000	0.031	0.032	0.040	1.0%	< 30	78.4%	79.2%	50 - 150		
Kresoxim-methyl	0.000	0.031	0.027	0.040	13.3%	< 30	76.9%	67.3%	50 - 150		
Malathion	0.000	0.034	0.035	0.040	2.4%	< 30	84.6%	86.7%	50 - 150		
Metalaxyl	0.000	0.034	0.031	0.040	8.4%	< 30	85.4%	78.5%	50 - 150		
Methiocarb	0.000	0.033	0.033	0.040	0.4%	< 30	81.7%	82.0%	50 - 150		
Methomyl	0.000	0.068	0.062	0.080	9.0%	< 30	84.8%	77.4%	50 - 150		
MGK-264	0.000	0.075	0.083	0.200	9.1%	< 30	37.7%	41.3%	50 - 150	Q	
Myclobutanil	0.000	0.043	0.039	0.040	9.8%	< 30	107.5%	97.4%	50 - 150		
Naled	0.000	0.327	0.318	0.400	2.8%	< 30	81.6%	79.4%	50 - 150		
Oxamyl	0.000	0.686	0.647	0.800	5.8%	< 30	85.8%	80.9%	50 - 150		
Paclobutrazole	0.000	0.034	0.036	0.040	4.3%	< 30	86.0%	89.9%	50 - 150		
Parathion-Methyl	0.000	0.104	0.090	0.120	14.5%	< 30	86.5%	74.8%	30 - 150		
Permethrin	0.000	0.114	0.095	0.160	18.1%	< 30	71.2%	59.4%	50 - 150		
Phosmet	0.000	0.033	0.035	0.040	4.6%	< 30	83.7%	87.6%	50 - 150		
Piperonyl butoxide	0.000	0.603	0.629	0.800	4.2%	< 30	75.3%	78.6%	50 - 150		
Prallethrin	0.000	0.102	0.107	0.200	5.0%	< 30	50.8%	53.4%	50 - 150		
Propiconazole	0.000	0.034	0.032	0.040	3.8%	< 30	83.8%	80.6%	50 - 150		
Propoxur	0.000	0.033	0.032	0.040	3.0%	< 30	82.3%	79.9%	50 - 150		
Pyrethrin (Summe)	0.000	0.057	0.056	0.100	1.2%	< 30	57.0%	56.3%	50 - 150		
Pyridaben	0.000	0.054	0.052	0.080	4.0%	< 30	67.5%	64.8%	50 - 150		
Spinosad	0.000	0.032	0.030	0.040	5.6%	< 30	79.5%	75.2%	50 - 150		
Spiromesifen	0.000	0.060	0.060	0.120	0.1%	< 30	50.2%	50.1%	50 - 150		
Spirotetramat	0.000	0.033	0.033	0.040	1.1%	< 30	82.7%	83.6%	50 - 150		
Spiroxamine	0.000	0.036	0.034	0.040	5.5%	< 30	90.0%	85.2%	50 - 150		


Laboratory Quality Control Results

Residual Solvents				Batch ID: 2601463					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
1,1-Dichloroethane	ND	< 1		0.85	1	µg/g	85.0	50-150	
1,2-Dichloroethene, trans-	ND	< 1		0.911	1	µg/g	91.1	50-150	
1,2-Dichloroethene, cis-	ND	< 1		0.957	1	µg/g	95.7	50-150	
1,4-Dioxane	ND	< 100		516	504	µg/g	102.4	60-120	
1-Pentanol	ND	< 500		918	1610	µg/g	57.0	50-150	
1-Propanol	ND	< 500		768	1610	µg/g	47.7	50-150	Q6
2,2-Dimethylbutane	ND	< 30		156	171	µg/g	91.2	60-120	
2,2-Dimethylpropane	ND	< 200		1270	956	µg/g	132.8	60-120	Q1
2,3-Dimethylbutane	ND	< 30		166	166	µg/g	100.0	60-120	
2-Butanol	ND	< 200		1340	1620	µg/g	82.7	60-120	
2-Ethoxyethanol	ND	< 30		145	165	µg/g	87.9	60-120	
2-Methylbutane	ND	< 200		1480	1610	µg/g	91.9	60-120	
2-Methylpentane	ND	< 30		194	167	µg/g	116.2	60-120	
2-Propanol	ND	< 200		1380	1610	µg/g	85.7	60-120	
3-Methyl-1-butanol	ND	< 500		1020	1600	µg/g	63.8	50-150	
3-Methylpentane	ND	< 30		149	163	µg/g	91.4	60-120	
Acetone	ND	< 200		1460	1610	µg/g	90.7	60-120	
Acetonitrile	ND	< 100		421	506	µg/g	83.2	60-120	
Benzene	ND	< 1		0.917	1	µg/g	91.7	50-150	
Butane	ND	< 200		1010	769	µg/g	131.3	60-120	Q1
Butyl Acetate	ND	< 500		1000	1610	µg/g	62.1	50-150	
Cumene	ND	< 30		165	162	µg/g	101.9	60-120	
Cyclohexane	ND	< 200		1570	1610	µg/g	97.5	60-120	
Dichloromethane	ND	< 1		0.945	1	µg/g	94.5	50-150	
Ethanol	ND	< 200		1440	1620	µg/g	88.9	60-120	
Ethyl acetate	ND	< 200		1350	1620	µg/g	83.3	60-120	
Ethyl Ether	ND	< 200		1490	1610	µg/g	92.5	60-120	
Ethylbenzene	ND	< 200		952	969	µg/g	98.2	60-120	
Ethylene Glycol	ND	< 200		440	503	µg/g	87.5	60-120	
Ethylene Oxide	ND	< 1		0.937	1	µg/g	93.7	50-150	
Heptane	ND	< 200		1400	1610	µg/g	87.0	60-120	
Hexane	ND	< 30		153	166	µg/g	92.2	60-120	
Isobutane	ND	< 200		1020	770	µg/g	132.5	60-120	Q1
Isopropyl Acetate	ND	< 200		1430	1610	µg/g	88.8	60-120	
m,p-Xylene	ND	< 200		985	994	µg/g	99.1	60-120	
Methanol	ND	< 200		1320	1620	µg/g	81.5	60-120	
Methyl Acetate	ND	< 500		971	1630	µg/g	59.6	50-150	
Methylethylketone	ND	< 500		940	1620	µg/g	58.0	50-150	
Methylisobutylketone	ND	< 500		1020	1620	µg/g	63.0	50-150	
N,N-dimethylacetamide	ND	< 150		285	486	µg/g	58.6	50-150	
o-Xylene	ND	< 200		988	981	µg/g	100.7	60-120	
Pentane	ND	< 200		1430	1610	µg/g	88.8	60-120	
Propane	ND	< 200		634	585	µg/g	108.4	60-120	
Pyridine	ND	< 50		136	163	µg/g	83.4	50-150	
Tetrahydrofuran	ND	< 100		472	488	µg/g	96.7	60-120	
Toluene	ND	< 100		495	505	µg/g	98.0	60-120	


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

QC - Sample Duplicate
Sample ID: 26-002121-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethene, trans-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethene, cis-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Ethanol	208	272	200	µg/g	26.7	< 20	FAIL	R
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	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