



12423 NE
Whitaker Way
Portland, OR



Report 22-014553/D018.R000
12/08/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/29/22 15:04

Customer: Euphoric Gummies
Product identity: Green Apple Squares 3252022DDB0000590 10mg D9 (3.75g)
Client/Metric ID: .
Laboratory ID:

Summary

Potency:

Analyte per 3.75g	Result	Limits	Units	Status	
D8 -THC per 3.75g	0.574		mg/3.75g		THC-Total per Serving Size 9.2 mg/3.75g
D9 -THC per 3.75g	9.2		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: Euphoric Gummies
Product identity: Green Apple Squares 3252022DDB0000590 10mg D9 (3.75g)
Client/Metric ID: .
Sample Date:
Laboratory ID:
Evidence of Cooling: No
Temp:
Relinquished by:
Serving Size #1:



Sample Results

Potency per 3.75g						Method: J AOAC 2015 V98-6 (mod) ^h	Units mg/ser	Batch: 2210272
Analyte	Result	Limits	Units	LOQ	Notes			
CBD per 3.75g	< LOQ		mg/3.75g	0.122				
CBD-A per 3.75g	< LOQ		mg/3.75g	0.122				
CBD-Total per 3.75g	< LOQ		mg/3.75g	0.229				
CBG per 3.75g	< LOQ		mg/3.75g	0.122				
CBG-A per 3.75g	< LOQ		mg/3.75g	0.122				
CBG-Total per 3.75g	< LOQ		mg/3.75g	0.227				
CBN per 3.75g	< LOQ		mg/3.75g	0.122				
D10 -THC per 3.75g	< LOQ		mg/3.75g	0.122				
D8 -THC per 3.75g	0.574		mg/3.75g	0.122				
D9 -THC per 3.75g	9.2		mg/3.75g	0.122				
THC-A per 3.75g	< LOQ		mg/3.75g	0.122				
THC-Total per 3.75g	9.2		mg/3.75g	0.229				

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2210247	12/04/22 AOAC 990.12 (Petrifilm) ^p		
E.coli	< LOQ		cfu/g	10	2210245	12/04/22 AOAC 991.14 (Petrifilm) ^p		
Total Coliforms	< LOQ		cfu/g	10	2210245	12/04/22 AOAC 991.14 (Petrifilm) ^p		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2210246	12/05/22 AOAC 2014.05 (RAPID) ^p		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2210246	12/05/22 AOAC 2014.05 (RAPID) ^p		



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Solvents											Method: Residual Solvents byGC /MS ^b					Units	µg/g	Batch	2210339	Analyze	12/06/22	09:51 AM
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes											
1,4 -Dioxane	< LOQ	380	100	pass		3utanol	< LOQ	5000	200	pass												
2-Ethoxyethanol		160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200													
2-Methylpentane			30.0			2-Propanol (IPA)	< LOQ	5000	200	pass												
2,2 -Dimethylbutane			30.0			2,2 -Dimethylpropane ethylpentane	< LOQ		30.0													
2,3 -Dimethylbutane			30.0			etonitrile	< LOQ	410	100	pass												
Acetone		5000	200	pass		Butane (sum)	< LOQ	5000	400	pass												
Benzene		2.00	1.00	pass		yl acetate	< LOQ	5000	200	pass												
Cyclohexane		3880	200	pass		hyl ether	< LOQ	5000	200	pass												
Ethyl benzene			200			Ethylene oxide	< LOQ	50.0	20.0	pass												
Ethylene glycol		620	200	pass		ropyl acetate	< LOQ	5000	200	pass												
Hexanes (sum)		290	150	pass		m,p-Xylene	< LOQ		200													
Isopropylbenzene (Cumene)		70.0	30.0	pass		Methylenechloride	< LOQ	600	60.0	pass												
Methanol	< LOQ	3000	200	pass		n-Butane	< LOQ		200													
Methylpropane (Isobutane			200			exane	< LOQ		30.0													
n-Heptane	< LOQ	5000	200	pass		ylene	< LOQ		200													
n-Pentane			200			opane	< LOQ	5000	200	pass												
Pentanes (sum)		5000	600	pass		luene	< LOQ	890	100	pass												
Tetrahydrofuran		720	100	pass		Total Xylenes and Ethyl	< LOQ	2170	600	pass												
Total Xylenes			400																			

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



Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod 1)											
Units mg/kç Batch 2210224 Analyze 12/01/22 10:26 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¶]	< LOQ	0.50	0.250	pass		Acephate [¶]	< LOQ	0.40	0.200	pass	
Acequinocyl [¶]	< LOQ	2.0	1.00	pass		Acetamiprid [¶]	< LOQ	0.20	0.100	pass	
Aldicarb [¶]	< LOQ	0.40	0.200	pass		Azoxystrobin [¶]	< LOQ	0.20	0.100	pass	
Bifenazate [¶]	< LOQ	0.20	0.100	pass		Bifenthrin [¶]	< LOQ	0.20	0.100	pass	
Boscalid [¶]	< LOQ	0.40	0.200	pass		Carbaryl [¶]	< LOQ	0.20	0.100	pass	
Carbofuran [¶]	< LOQ	0.20	0.100	pass		Chlorantraniliprole [¶]	< LOQ	0.20	0.100	pass	
Chlorfenapyr [¶]	< LOQ	1.0	0.500	pass		Chlorpyrifos [¶]	< LOQ	0.20	0.100	pass	
Clofentezine [¶]	< LOQ	0.20	0.100	pass		Cyfluthrin [¶]	< LOQ	1.0	0.500	pass	
Cypermethrin [¶]	< LOQ	1.0	0.500	pass		Daminozide [¶]	< LOQ	1.0	0.500	pass	
Diazinon [¶]	< LOQ	0.20	0.100	pass		Dichlorvos [¶]	< LOQ	1.0	0.500	pass	
Dimethoate [¶]	< LOQ	0.20	0.100	pass		Ethoprophos [¶]	< LOQ	0.20	0.100	pass	
Etofenprox [¶]	< LOQ	0.40	0.200	pass		Etoazole [¶]	< 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		Pacllobutrazole [¶]	< 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	0.0164	2210412	12/07/22 AOAC 2013.06 (mod.) ^p	pass			
Cadmium	< LOQ	0.200	mg/kg	0.0164	2210412	12/07/22 AOAC 2013.06 (mod.) ^p	pass			
Lead	< LOQ	0.500	mg/kg	0.0164	2210412	12/07/22 AOAC 2013.06 (mod.) ^p	pass			
Mercury	< LOQ	0.100	mg/kg	0.00818	2210412	12/07/22 AOAC 2013.06 (mod.) ^p	pass			



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These test results are representative of the individual sample selected and submitted by the client.

Limit(s) of Quantification (LOQ) = The lowest 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

Approved Signatory

Derrick
Tanner



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Hemp & Cannabis: Usable / Extract / Finished Product

Chain of Custody Record

ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

DEV DISTRIBUTION 22-014553



10f2

Company: Dev NutraProducts Contact: Deanna Petrin Address: 8101 Royal Ridge Parkway City: Irving State: TX Zip Code: 75063 <input checked="" type="checkbox"/> Email Results: DROPBOX deanna@devmgf.com <input checked="" type="checkbox"/> Ph: (469) - 373 - 3200 <i>Billing Contact (if different)</i> Name: CC AUTH ON FILE Email: Address: City: State: Zip: Ph: () -			Analysis Requested Pesticides Oregon (P2120) Residual Solvents Oregon (H0008) Heavy Metals (H0013) Mycotoxins (H0042) Micro Profile D (M1010) Terpenes (H0030) Potency- Basic (H0014) Potency Basic + Expanded (H0010) Potency Basic + ADCs (H0015) Other:								PO Number: DEV NutraProducts Project ID: Batch ID: Sampled by: Custom Reporting: Source Material: <input checked="" type="checkbox"/> - Ind. Hemp product <input type="checkbox"/> - Rec. Cannabis Reporting Type: <input type="checkbox"/> - Compliance <input checked="" type="checkbox"/> - R&D Report to: <input type="checkbox"/> - METRC <input type="checkbox"/> - ODA <input type="checkbox"/> - USDA <input type="checkbox"/> - Other: Turnaround time (TAT - Business Days): <input type="checkbox"/> - 5BD <input checked="" type="checkbox"/> - 3BD* <input type="checkbox"/> - 2BD* <i>*Check for availability</i>				
Lab ID	Client Sample Identification	Sample date	Pesticides Oregon (P2120)	Residual Solvents Oregon (H0008)	Heavy Metals (H0013)	Mycotoxins (H0042)	Micro Profile D (M1010)	Terpenes (H0030)	Potency- Basic (H0014)	Potency Basic + Expanded (H0010)	Potency Basic + ADCs (H0015)	Other:	Material Type †	Weight (Units)	Comments/Metric ID
	Strawberry Squares 3262022DDB0000592 50mg CBD (3.3g)	11/16/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	Contains Active as Noted
	Strawberry Squares 3262022DDB0000593 50mg D8 (3.3g)	11/16/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	Please report in mg/serving
	Mango Squares 3252022DDB0000591 10mg D9 (3.75g)	11/16/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	Standard Serving Sizes:
	Watermelon Squares 3252022DDB0000586 10mg D9 (3.75g)	11/06/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	D8: 3.3g
5	\$ Mango Squares 3262022DDB0000596 25mg D8 (3.3g)	11/17/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	D9: 3.75g/3.3g
	Green Apple Squares 3252022DDB0000590 10mg D9 (3.75g)	11/16/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	HHC: 3.3g
	Strawberry Squares 3252022DDB0000588 10mg D9 (3.75g)	11/15/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	D10: 3.3g
	Strawberry Squares 3222022DDB0000584 10mg CBD 10mg D9 (3.75g)	11/14/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	THCO: 3.3g
	Blue Raspberry Squares 3222022DDB0000585 10mg CBD 10mg D9 (3.75g)	11/15/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	CBD:3.3g
10	Pineapple Squares 3222022DDB0000587 10mg CBD 10mg D9 (3.75g)	11/15/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	Mother Liquor: 3.3g
															Diamonds: 5g
															Hearts: 6g
Signature - Relinquished By:			Date	Time	Signature - Received By:			Date	Time	Lab Use Only:					
Deanna Petrin			11/21/22		MRF			11/29	15:04	<input type="checkbox"/> Shipped Via: UPS or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): 20.0 Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: Prelog storage:					

† - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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

12423 NE Whitaker Way
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**Hemp & Cannabis: Usable / Extract / Finished Product
Chain of Custody Record**

ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

DEV DISTRIBUTION 22-014553



2 of 2

Company: Dev NutraProducts Contact: Deanna Petrin Address: 8101 Royal Ridge Parkway City: Irving State: TX Zip Code: 75063 <input checked="" type="checkbox"/> Email Results: DROPBOX deanna@devmgf.com <input checked="" type="checkbox"/> Ph: (469) - 373 - 3200 <i>Billing Contact (if different)</i> Name: CC AUTH ON FILE Email: Address: City: State: Zip: Ph: () -			Analysis Requested Pesticides Oregon (P2120) Residual Solvents Oregon (H0008) Heavy Metals (H0013) Mycotoxins (H0042) Micro Profile D (M1010) Terpenes (H0030) Potency- Basic (H0014) Potency Basic + Expanded (H0010) Potency Basic + ADCs (H0015) Other:								PO Number: DEV NutraProducts Project ID: Batch ID: Sampled by: Custom Reporting: Source Material: <input checked="" type="checkbox"/> - Ind. Hemp product <input type="checkbox"/> - Rec. Cannabis Reporting Type: <input type="checkbox"/> - Compliance <input checked="" type="checkbox"/> - R&D Report to: <input type="checkbox"/> - METRC <input type="checkbox"/> - ODA <input type="checkbox"/> - USDA <input type="checkbox"/> - Other: Turnaround time (TAT - Business Days): <input type="checkbox"/> - 5BD <input checked="" type="checkbox"/> - 3BD* <input type="checkbox"/> - 2BD* <i>*Check for availability</i>				
Lab ID	Client Sample Identification	Sample date	Pesticides Oregon (P2120)	Residual Solvents Oregon (H0008)	Heavy Metals (H0013)	Mycotoxins (H0042)	Micro Profile D (M1010)	Terpenes (H0030)	Potency- Basic (H0014)	Potency Basic + Expanded (H0010)	Potency Basic + ADCs (H0015)	Other:	Material Type ↑	Weight (Units)	Comments/Metric ID
	Green Apple Squares 3222022DDB0000586 10mg CBD D9 (3.75g)	11/15/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	Contains Active as Noted
	Watermelon Squares 3262022DDB0000595 25mg D8 (3.3g)	11/17/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	Please report in mg/serving
	Strawberry Squares 3262022DDB0000594 25mg D8 (3.3g)	11/16/22	✓	✓	✓	✓	✓	✓	✓				E	40-36.9g	
14	BS01	11/18/22							✓				C		Standard Serving Sizes: D8: 3.3g D9: 3.75g/3.3g HHC: 3.3g D10: 3.3g THCO: 3.3g CBD: 3.3g Mother Liquor: 3.3g Diamonds: 5g Hearts: 6g
Signature - Relinquished By:			Date	Time	Signature - Received By:			Date	Time	Lab Use Only:					
Deanna Petrin			11/21/22		MRA			11/29	15:04	<input type="checkbox"/> Shipped Via: UPS or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): 20.0 Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: Prelog storage:					

↑ - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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Document Control ID: 4723 Revision: 3 Effective:

Sample Preparation Instructions

Sample Receiving

Job Number: 22-014553 Client: Dev Nutraceuticals
 Sample Received: 11-29-22 Sample Type: edibles
 Storage prior to Prep: _____ Waiting for Micro: First Review: _____ Second Review: _____
 Pre-Prep Comments: _____

Sample Prep Department

Treatment:

Dry Ice Composite Divide Drain Comp Lid/Sep Lid Sieve 1mm/1.18mm No Prep Needed

Equipment:

GM200 Robot Coupe Cryo Mortar & Pestle Nutri Bullet Coffee Grinder Ti Blade

Sample Storage

F _____ R _____ Walk-In Canna/Food Tubs Bulk Long-term Other _____

4 oz Cup: _____ 8 oz Cup: _____ 12 oz Cup: _____ Original: _____ 50ml Tube: _____ Other: _____

Special Instructions

If Checked: _____ Mark Sample 'No Back-Up' _____ Long Term Storage _____ Retain Required _____

Sample No.	Date	Time	Initials	Microbiology	Nutrition	Vitamins	Moisture	Water Activity	Metals	Pesticides	Potency	Solvents	Terpenes	Environmental	USDA Hemp	Subcontract	Comments
10	11/30/22		AAW	X					X	X	X	X					
11				X					X	X	X	X					
12				X					X	X	X	X					
13				X					X	X	X	X					

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DEV DISTRIBUTION 22-014553



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Document Control ID: 4723 Revision: 3 Effective:

DEV NutraProducts

Sample Preparation Instructions

Sample Receiving

Job Number: 22-014553 Client: Dev Nutra products
 Sample Received: 11-29-22 Sample Type: edibles
 Storage prior to Prep: Ambient Waiting for Micro: First Review: MH Second Review: _____
 Pre-Prep Comments: _____

Sample Prep Department

Treatment:

Dry Ice Composite Divide Drain Comp Lid/Sep Lid Sieve 1mm/1.18mm No Prep Needed

Equipment:

GM200 Robot Coupe Cryo Mortar & Pestle Nutri Bullet Coffee Grinder Ti Blade

Sample Storage

F 03 R _____ Walk-In Canna/Food Tubs Bulk Long-term Other _____

4 oz Cup: 52 8 oz Cup: _____ 12 oz Cup: _____ Original: _____ 50ml Tube: _____ Other: _____

Special Instructions

If Checked: _____ Mark Sample 'No Back-Up' _____ Long Term Storage _____ Retain Required _____

Sample No.	Date	Time	Initials	Microbiology	Nutrition	Vitamins	Moisture	Water Activity	Metals	Pesticides	Potency	Solvents	Terpenes	Environmental	USDA Hemp	Subcontract	Comments
01	11/30/22	10:11	AAV	X					X	X	X	X					
02		12:00		X					X	X	X	X					
03				X					X	X	X	X					
04				X					X	X	X	X					
05				X					X	X	X	X					
06				X					X	X	X	X					
07				X					X	X	X	X					
08				X					X	X	X	X					
09				X					X	X	X	X					

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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: 2210224			
Laboratory Control Sample							
Blank Result	Blank Limits	Notes	LCS	LCS Spike	LCS % Rec	Limits	Notes
0.000	< 0.250			1.000	102.4	50.0	150
0.000	< 0.200			0.800	86.0	60.0	120
0.000	< 1.000			4.000	97.9	40.0	160
0.000	< 0.100			0.400	95.8	60.0	120
0.000	< 0.200			0.800	98.9	60.0	120
0.007	< 0.100			0.400	99.1	60.0	120
0.000	< 0.100			0.400	98.9	60.0	120
0.000	< 0.100			0.400	97.8	50.0	150
0.000	< 0.200			0.800	101.5	60.0	120
0.000	< 0.100			0.400	96.7	60.0	120
0.000	< 0.100			0.400	100.2	60.0	120
0.000	< 0.100		0.387	0.400	96.8	60.0	120
0.000	< 0.500			2.000	96.8	60.0	120
0.000	< 0.100			0.400	92.2	60.0	120
0.000	< 0.100			0.400	76.6	60.0	120
0.000	< 0.500			2.000	103.3	50.0	150
0.000	< 0.500		1.996	2.000	99.8	50.0	150
0.018	< 0.500			2.000	33.8	60.0	120
0.000	< 0.100			0.400	100.2	60.0	120
0.000	< 0.500			2.000	94.6	60.0	120
0.000	< 0.100			0.400	97.9	60.0	120
0.000	< 0.100		0.379	0.400	94.9	60.0	120
0.000	< 0.200			0.800	98.3	50.0	150
0.000	< 0.100			0.400	102.6	60.0	120
0.000	< 0.100			0.400	93.4	60.0	120
0.000	< 0.200			0.800	99.6	60.0	120
0.000	< 0.200		0.934	0.800	116.7	60.0	120
0.000	< 0.250			1.000	97.4	60.0	120
0.000	< 0.200			0.800	97.9	50.0	150
0.000	< 0.250			1.000	93.4	60.0	120
0.000	< 0.100			0.400	95.6	60.0	120
0.000	< 0.200		0.776	0.800	97.0	60.0	120
0.000	< 0.200			0.800	91.5	60.0	120
0.000	< 0.100			0.400	99.2	60.0	120
0.000	< 0.100			0.400	96.7	60.0	120
0.000	< 0.100			0.400	98.9	60.0	120
0.000	< 0.200		0.820	0.800	102.5	60.0	120
0.000	< 0.100			0.400	95.6	50.0	150
0.000	< 0.100		0.391	0.400	97.9	60.0	120
0.000	< 0.250			1.000	98.3	50.0	150
0.000	< 0.500			2.000	98.1	60.0	120
0.000	< 0.200			0.800	97.1	60.0	120
0.000	< 0.100			0.400	100.8	50.0	150
0.000	< 0.100		0.384	0.400	95.9	50.0	150
0.000	< 0.100		0.398	0.400	99.6	50.0	150
0.000	< 0.500		1.966	2.000	98.3	60.0	120
0.000	< 0.100			0.400	97.7	60.0	120
0.000	< 0.200		0.795	0.800	99.3	60.0	120
0.000	< 0.100		0.387	0.400	96.7	60.0	120
0.001	< 0.100			0.488	100.7	60.0	120
0.000	< 0.100			0.400	100.1	50.0	150
0.000	< 0.100			0.388	101.1	50.0	150
0.000	< 0.100			0.400	97.0	60.0	120
0.000	< 0.100		0.389	0.400	97.1	60.0	120
0.000	< 0.200			0.800	99.2	60.0	120
0.000	< 0.200			0.800	116.6	60.0	120
0.000	< 0.100			0.400	98.4	60.0	120
0.000	< 0.100			0.400	102.8	60.0	120
0.000	< 0.100		0.388	0.400	97.1	60.0	120

Q6



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10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 210224				Sample ID: 22-014553-0001	
Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec			Notes	
0.000	1.131	1.104	1.000	2.4%	< 30	113.1%	110.4%	50	-	150	
0.000	0.760	0.742	0.800	2.3%	< 30	95.0%	92.8%	50	-	150	
0.000	3.962	3.982	4.000	0.5%	< 30	99.0%	99.6%	50	-	150	
0.000	0.401	0.396	0.400	1.3%	< 30	100.2%	99.0%	50	-	150	
0.000	0.828	0.857	0.800	3.3%	< 30	103.5%	107.1%	50	-	150	
0.000	0.378	0.404	0.400	6.4%	< 30	94.6%	100.9%	50	-	150	
0.000	0.429	0.424	0.400	1.1%	< 30	107.2%	106.0%	50	-	150	
0.000	0.411	0.407	0.400	1.0%	< 30	102.8%	101.8%	50	-	150	
0.000	0.785	0.786	0.800	0.1%	< 30	98.2%	98.2%	50	-	150	
0.000	0.414	0.408	0.400	1.6%	< 30	103.6%	102.0%	50	-	150	
0.000	0.413	0.418	0.400	1.3%	< 30	103.2%	104.6%	50	-	150	
0.000	0.407	0.421	0.400	3.2%	< 30	101.8%	105.2%	50	-	150	
0.000	2.062	2.005	2.000	2.8%	< 30	103.1%	100.2%	50	-	150	
0.000	0.369	0.366	0.400	0.7%	< 30	92.3%	91.6%	50	-	150	
0.000	0.184	0.176	0.400	4.1%	< 30	46.0%	44.1%	50	-	150	
0.000	2.014	2.246	2.000	10.9%	< 30	100.7%	112.3%	30	-	150	
0.000	2.209	2.126	2.000	3.8%	< 30	110.5%	106.3%	50	-	150	
0.195	0.649	0.670	2.000	4.6%	< 30	22.7%	23.8%	30	-	150	
0.000	0.401	0.395	0.400	1.5%	< 30	100.3%	98.8%	50	-	150	
0.000	2.008	1.954	2.000	2.7%	< 30	100.4%	97.7%	50	-	150	
0.000	0.411	0.415	0.400	1.0%	< 30	102.7%	103.7%	50	-	150	
0.000	0.402	0.387	0.400	3.9%	< 30	100.6%	96.7%	50	-	150	
0.000	0.826	0.820	0.800	0.7%	< 30	103.3%	102.6%	50	-	150	
0.000	0.426	0.433	0.400	1.6%	< 30	106.5%	108.3%	50	-	150	
0.000	0.391	0.394	0.400	0.8%	< 30	97.6%	98.4%	50	-	150	
0.000	0.895	0.901	0.800	0.7%	< 30	111.9%	112.6%	50	-	150	
0.000	0.981	0.970	0.800	1.2%	< 30	122.7%	121.2%	50	-	150	
0.000	0.975	0.989	1.000	1.3%	< 30	97.5%	98.9%	50	-	150	
0.000	0.828	0.842	0.800	1.6%	< 30	103.5%	105.2%	50	-	150	
0.000	1.043	1.057	1.000	1.3%	< 30	104.3%	105.7%	50	-	150	
0.000	0.396	0.409	0.400	3.2%	< 30	98.9%	102.2%	50	-	150	
0.000	0.817	0.845	0.800	3.3%	< 30	102.2%	105.6%	50	-	150	
0.000	0.774	0.773	0.800	0.1%	< 30	96.8%	96.7%	50	-	150	
0.000	0.397	0.405	0.400	2.1%	< 30	99.1%	101.2%	50	-	150	
0.000	0.405	0.419	0.400	3.3%	< 30	101.3%	104.7%	50	-	150	
0.000	0.417	0.414	0.400	0.7%	< 30	104.3%	103.6%	50	-	150	
0.000	0.867	0.852	0.800	1.8%	< 30	108.4%	106.5%	50	-	150	
0.000	0.376	0.373	0.400	0.8%	< 30	94.0%	93.3%	50	-	150	
0.000	0.421	0.403	0.400	4.3%	< 30	105.2%	100.7%	50	-	150	
0.000	1.016	1.031	1.000	1.5%	< 30	101.6%	103.1%	50	-	150	
0.000	1.960	2.035	2.000	3.7%	< 30	98.0%	101.7%	50	-	150	
0.000	0.804	0.818	0.800	1.8%	< 30	100.4%	102.2%	50	-	150	
0.000	0.343	0.373	0.400	8.5%	< 30	85.7%	93.3%	30	-	150	
0.000	0.410	0.399	0.400	2.7%	< 30	102.6%	99.8%	50	-	150	
0.000	0.410	0.413	0.400	0.7%	< 30	102.4%	103.2%	50	-	150	
0.000	2.095	2.085	2.000	0.5%	< 30	104.8%	104.2%	50	-	150	
0.000	0.408	0.406	0.400	0.6%	< 30	102.1%	101.4%	50	-	150	
0.000	0.864	0.860	0.800	0.4%	< 30	108.0%	107.5%	50	-	150	
0.000	0.403	0.404	0.400	0.3%	< 30	100.7%	101.0%	50	-	150	
0.005	0.510	0.515	0.488	1.0%	< 30	103.4%	104.4%	50	-	150	
0.000	0.406	0.405	0.400	0.4%	< 30	101.6%	101.2%	50	-	150	
0.000	0.393	0.411	0.388	4.4%	< 30	101.4%	105.9%	50	-	150	
0.000	0.398	0.394	0.400	1.0%	< 30	99.4%	98.4%	50	-	150	
0.000	0.367	0.376	0.400	2.5%	< 30	91.8%	94.1%	50	-	150	
0.000	0.805	0.828	0.800	2.8%	< 30	100.6%	103.5%	50	-	150	
0.000	0.953	0.929	0.800	2.6%	< 30	119.1%	116.1%	50	-	150	
0.000	0.420	0.432	0.400	2.8%	< 30	104.9%	107.9%	50	-	150	
0.000	0.405	0.403	0.400	0.6%	< 30	101.3%	100.7%	50	-	150	
0.000	0.393	0.395	0.400	0.5%	< 30	98.2%	98.7%	50	-	150	



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Report

22-014553/D018.R000

12/08/2022

ORELAP#:

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Received:

11/29/22 15:04

Version: 1 Document ID: 7148

Laboratory Quality Control Results

J AOAC 2015 V9 Method: 221027

LC#	Result	Spike	Units	Limits	Evaluation	Notes
2		0.034	%	80.0 - 120	Acceptable	
2		0.035		80.0 - 120	Acceptable	
2		0.035		80.0 - 120	Acceptable	
1		0.032		90.0 - 110	Acceptable	
1		0.032	%	80.0 - 120	Acceptable	
1		0.032	%	80.0 - 120	Acceptable	
1		0.032	%	90.0 - 110	Acceptable	
2		0.034		80.0 - 120	Acceptable	
2		0.035	%	80.0 - 120	Acceptable	
2		0.035	%	80.0 - 120	Acceptable	
1		0.035	%	80.0 - 120	Acceptable	
2		0.035		80.0 - 120	Acceptable	
1		0.034		90.0 - 110	Acceptable	
1		0.035	%	90.0 - 110	Acceptable	
2		0.032	%	80.0 - 120	Acceptable	
1		0.031		80.0 - 120	Acceptable	
2		0.035	%	80.0 - 120	Acceptable	
1		0.032	%	90.0 - 110	Acceptable	
2		0.034		80.0 - 120	Acceptable	
2		0.035		80.0 - 120	Acceptable	
2		0.037		80.0 - 120	Acceptable	

Result	LOC	Units	Limits	Evaluation	Notes
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	
<LOC	0.003	%	< 0.003	Acceptable	

Units of Measure

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



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Revision: 1 Document ID: 7148

Laboratory Quality Control Results									
J AOAC 2015 V9.1									
Batch ID: 221027									
Sample ID: 22-014553-000									
Result	Org. Resu	LOC	Units	Limits	Evaluation	Notes			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
0.003	0.003	0.003	%	3.21	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
1.47	1.51	0.003	%	2.6	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
0.003	0.003	0.003	%	3.1	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			
<LOQ	<LOQ	0.003	%	NA	20	Acceptable			

Units of Measure



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Laboratory Quality Control Results

7087

Batch ID: 2210339

Residual Solvents				Laboratory Control Sample						CPL-E33Effective:
Method Blank				Laboratory Control Sample						CPL-E33Effective:
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes	
Propane	ND	< 200		576	572	µg/g	100.7	60 - 120		
		< 200		685	731	µg/g	93.7	60 - 120		
		< 200		674	731	µg/g	92.2	60 - 120		
		< 200		962	936	µg/g	102.8	60 - 120		
		< 200		1320	1620	µg/g	81.5	60 - 120		
		< 30		57.2	56.2	µg/g	101.8	60 - 120		
		< 200		1340	1610	µg/g	83.2	60 - 120		
		< 200		1330	1600	µg/g	83.1	60 - 120		
	ND	< 200		1320	1610	µg/g	82.0	70 - 130		
		< 200		1340	1630	µg/g	82.2	60 - 120		
	ND	< 30		139	171	µg/g	81.3	60 - 120		
		< 200		1350	1630	µg/g	82.8	60 - 120		
		< 200		1340	1620	µg/g	82.7	60 - 120		
		< 100		410	498	µg/g	82.3	60 - 120		
	ND	< 30		136	171	µg/g	79.5	60 - 120		
		< 60		417	483	µg/g	86.3	60 - 120		
		< 30		143	168	µg/g	85.1	60 - 120		
		< 30		127	167	µg/g	76.0	60 - 120		
		< 30		178	182	µg/g	97.8	60 - 120		
	ND	< 200		1310	1610	µg/g	81.4	60 - 120		
		< 200		1270	1600	µg/g	79.4	60 - 120		
		< 100		385	483	µg/g	79.7	60 - 120		
		< 200		1330	1610	µg/g	82.6	60 - 120		
	ND	< 1		4.72	5.02	µg/g	94.0	60 - 120		
		< 200		1350	1620	µg/g	83.3	60 - 120		
		< 200		1330	1610	µg/g	82.6	60 - 120		
	ND	< 100		370	491	µg/g	75.4	60 - 120		
	ND	< 30		132	181	µg/g	72.9	60 - 120		
	ND	< 200		257	484	µg/g	53.1	60 - 120	Q6	
	ND	< 100		391	485	µg/g	80.6	60 - 120		
	ND	< 200		732	969	µg/g	75.5	60 - 120		
		< 200		721	994	µg/g	72.5	60 - 120		
		< 200		700	967	µg/g	72.4	60 - 120		
		< 30		119	171	µg/g	69.6	60 - 120		



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QC - Sample Duplicate			Sample ID22-014553-0003				
Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200 µg/g	0.0	< 20	Acceptable	CFL-E33 Effective
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	30 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	30 µg/g	0.0	< 20	Acceptable	
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	100 µg/g	0.0	< 20	Acceptable	
	ND	ND	30 µg/g	0.0	< 20	Acceptable	
	ND	ND	60 µg/g	0.0	< 20		
	ND	ND	30 µg/g	0.0	< 20		
	ND	ND	30 µg/g	0.0	< 20		
	ND	ND	30 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	100 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	1 µg/g	0.0	< 20	Acceptable	
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	100 µg/g	0.0	< 20	Acceptable	
	ND	ND	30 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	100 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20	Acceptable	
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	200 µg/g	0.0	< 20		
	ND	ND	30 µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL

Units of Measure:

µg/g- Microgram per gram or ppm



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Explanation of QC Flag Comments:

Code	Explanation
	Differences affecting spike or surrogate recoveries.
	Quality control result biased high. Only non-detect samples
	Value outside QC limits. Data considered estimate.
	Concentration greater than four times the amount
	Heterogeneous sample matrix, affecting RPD result and/or %
	Results above calibration curve.
	Value outside QC limits. Data acceptable based on remaining
	Percent difference (RPD) outside control limit.
	RPD non-calculable, as sample or duplicate results are less than five times the
	RPD non-calculable, as only one replicate is within the analytical
	Detection level raised due to low sample volume and/or
	Detection level raised due to matrix interference.
	Contaminant detected in method blank, but not in associated
	The sample concentration is greater than 5 times the blank
	The sample concentration is less than 5 times the blank concentration.