



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



Report Number: 22-006236/D005.R000
Report Date: 06/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/31/22 10:44

Customer: Lifted Made
Product identity: Green Apple BL-Puck 1442022LDB0000403 45mg D8 5mg D9
Client/Metric ID: .
Laboratory ID: 22-006236-0002

Summary

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: Lifted Made
43360 N US HWY 41 Unit H
Zion Illinois 60099
United States of America (USA)
Product identity: Green Apple BL-Puck 1442022LDB0000403 45mg D8 5mg D9
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-006236-0002
Evidence of Cooling: No
Temp: 18.9 °C
Relinquished by: UPS

Sample Results

Microbiology

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

Solvents						Method Residual Solvents by GC/MS						Units µg/g				Batch 2204806				Analyze 06/07/22 10:15 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes	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-Methylbutane	< LOQ		200			2-Propanol (IPA)	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		(Isopentane)						2,2-Dimethylpropane	< LOQ		200			2,2-Dimethylpropane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			(neo-pentane)						3-Methylpentane	< LOQ		30.0								
2,2-Dimethylbutane	< LOQ		30.0									Acetonitrile	< LOQ	410	100	pass		Acetonitrile	< LOQ	410	100	pass	
2,3-Dimethylbutane	< LOQ		30.0									Butanes (sum)	< LOQ	5000	400	pass		Butanes (sum)	< LOQ	5000	400	pass	
Acetone	< LOQ	5000	200	pass								Ethyl acetate	< LOQ	5000	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Benzene	< LOQ	2.00	1.00	pass								Ethyl ether	< LOQ	5000	200	pass		Ethyl ether	< LOQ	5000	200	pass	
Cyclohexane	< LOQ	3880	200	pass								Ethylene oxide	< LOQ	50.0	20.0	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Ethyl benzene	< LOQ		200									Isopropyl acetate	< LOQ	5000	200	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass								m,p-Xylene	< LOQ		200			m,p-Xylene	< LOQ		200		
Hexanes (sum)	< LOQ	290	150	pass																			
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass								Methylene chloride	< LOQ	600	60.0	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methanol	< LOQ	3000	200	pass								n-Butane	< LOQ		200			n-Butane	< LOQ		200		
Methylpropane (Isobutane)	< LOQ		200																				
n-Heptane	< LOQ	5000	200	pass								n-Hexane	< LOQ		30.0			n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200									o-Xylene	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass								Propane	< LOQ	5000	200	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass								Toluene	< LOQ	890	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400									Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass		Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	



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Pesticides										
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2204731 Analyze 06/03/22 01:17 PM										
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	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		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	0.200	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	0.200	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	Analyze	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.0154	2204705	06/02/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0154	2204705	06/02/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0154	2204705	06/02/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.00769	2204705	06/02/22	AOAC 2013.06 (mod.)	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.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

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

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Hemp & Cannabis: Usable / Extract / Finished Product
Chain of Custody Record

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

Document Control ID: 2832 Revision: 5
Effective: 01/04/2022

Company: Lifted Made Contact: Deanna Petrin Address: 8101 Royal Ridge Parkway City: Irving State: TX Zip Code: 75063 ☒ Email Results: DROPBOX deanna@devmgf.com ☒ Ph: (469) - 373 - 3200 <i>Billing Contact (if different)</i> Name: CC AUTH ON FILE Email: Address: City: State: Zip: Ph: () -			Analysis Requested <table border="1"><tr><td>Pesticides Oregon (P2120)</td><td>Residual Solvents Oregon (H0008)</td><td>Heavy Metals (H0013)</td><td>Mycotoxins (H0042)</td><td>Micro Profile D (M1010)</td><td>Terpenes (H0030)</td><td>Potency - Basic (H0014)</td><td>Potency Basic + Expanded (H0010)</td><td>Potency Basic + ADCs (H0015)</td><td>Other:</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>								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: Project ID: Batch ID: Sampled by: Custom Reporting: Source Material: ☒ Ind. Hemp product ☐ Rec. Cannabis Reporting Type: ☐ Compliance ☒ R&D Report to: ☐ METRC ☐ ODA ☐ USDA ☐ Other: Turnaround time (TAT - Business Days): ☐ 5BD ☒ 3BD* ☐ 2BD* <i>*Check for availability</i>	
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:																							
Lab ID	Client Sample Identification	Sample date								Material Type †	Weight (Units)	Comments/Metrc ID																				
	Raspberry Hibiscus BL-Puck 1432022LDB0000416 10mg D9	05/24/22	✓	✓	✓	✓	✓			E	39.6g	Contains Active as Noted																				
	Green Apple BL-Puck 1442022LDB0000403 45mg D8 5mg D10	05/24/22	✓	✓	✓	✓	✓			E	39.6g	Please report in mg/serving																				
	Tropical BL-Puck 1432022LDB0000402 45mg D8 5mg D10	05/23/22	✓	✓	✓	✓	✓			E	39.6g																					
	Birthday Cake BL-Puck 1402022LDB0000401 45mg D8 5mg D10	05/20/22	✓	✓	✓	✓	✓			E	39.6g	Standard Serving Sizes: D8: 3.3g D9: 3.75g HHC: 3.3g D10: 3.3g THCO: 3.3g CBD: 3.3g Mother Liquor: 3.3g Diamonds: 5g Hearts: 6g																				
	Watermelon BL-Puck 1392022LDB0000400 45mg D8 5mg D10	05/19/22	✓	✓	✓	✓	✓			E	39.6g																					
	Strawnana BL-Puck 1382022LDB0000399 45mg D8 5mg D10	05/18/22	✓	✓	✓	✓	✓			E	39.6g																					
Signature - Relinquished By: Deanna Petrin			Date: 05/26/22	Time:	Signature - Received By: AC			Date: 5-31	Time: 10:44	Lab Use Only: Shipped Via: <u>US</u> or ☐ Client drop off Evidence of cooling: ☐ Yes ☒ No - Temp (°C): <u>18.9</u> Sample in good condition: ☒ Yes ☐ No Payment: ☐ Cash ☐ Check ☐ CC ☐ 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
Portland, OR 97230
P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com
Page _____ of _____
www.columbialaboratories.com



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Report Number: 22-006236/D005.R000
Report Date: 06/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/31/22 10:44

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: 2204731									
Method Blank				Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes	
Abamectin	0.000	< 0.250		1.059	1.000	105.9	50.0	150	
Acephate	0.000	< 0.250		0.976	1.000	97.6	60.0	120	
Acequinocyl	0.000	< 1.000		3.040	4.000	76.0	40.0	160	
Acetamiprid	0.000	< 0.100		0.401	0.400	100.3	60.0	120	
Aldicarb	0.000	< 0.200		0.827	0.800	103.4	60.0	120	
Azoxystrobin	0.000	< 0.100		0.411	0.400	102.8	60.0	120	
Bifenazate	0.000	< 0.100		0.399	0.400	99.8	60.0	120	
Bifenthrin	0.000	< 0.100		0.370	0.400	92.6	50.0	150	
Boscalid	0.000	< 0.200		0.808	0.800	100.9	60.0	120	
Carbaryl	0.000	< 0.100		0.394	0.400	98.5	60.0	120	
Carbofuran	0.000	< 0.100		0.403	0.400	100.7	60.0	120	
Chlorantraniliprole	0.000	< 0.100		0.418	0.400	104.5	60.0	120	
Chlorfenvapir	0.000	< 0.500		1.888	2.000	94.4	60.0	120	
Chlorpyrifos	0.000	< 0.100		0.391	0.400	97.7	60.0	120	
Clofentazine	0.000	< 0.100		0.139	0.400	34.8	60.0	120	Q6
Cyfluthrin	0.000	< 0.500		1.990	2.000	99.5	50.0	150	
Cypermethrin	0.000	< 0.500		1.991	2.000	99.5	50.0	150	
Daminozide	0.000	< 0.500		0.612	2.000	30.6	60.0	120	Q6
Diazinon	0.000	< 0.100		0.414	0.400	103.4	60.0	120	
Dichlorvos	0.000	< 0.500		2.247	2.000	112.4	60.0	120	
Dimethoate	0.000	< 0.100		0.409	0.400	102.2	60.0	120	
Ethoprophos	0.000	< 0.100		0.417	0.400	104.3	60.0	120	
Etofenprox	0.000	< 0.200		0.785	0.800	98.1	50.0	150	
Etoxazole	0.000	< 0.100		0.432	0.400	107.9	60.0	120	
Fenoxycarb	0.000	< 0.100		0.413	0.400	103.3	60.0	120	
Fenpyroximate	0.000	< 0.200		0.815	0.800	101.9	60.0	120	
Fipronil	0.000	< 0.200		0.806	0.800	100.8	60.0	120	
Fonicamid	0.000	< 0.250		0.952	1.000	95.2	60.0	120	
Fludioxonil	0.000	< 0.200		0.803	0.800	100.4	50.0	150	
Hexythiazox	0.000	< 0.250		1.004	1.000	100.4	60.0	120	
Imazalil	0.000	< 0.100		0.387	0.400	96.6	60.0	120	
Imidacloprid	0.000	< 0.200		0.765	0.800	95.6	60.0	120	
Kresoxim-methyl	0.000	< 0.200		0.769	0.800	96.2	60.0	120	
Malathion	0.000	< 0.100		0.409	0.400	102.3	60.0	120	
Metaxyl	0.000	< 0.100		0.417	0.400	104.2	60.0	120	
Methiocarb	0.000	< 0.100		0.395	0.400	98.8	60.0	120	
Methomyl	0.000	< 0.200		0.736	0.800	92.0	60.0	120	
MGK-264	0.000	< 0.100		0.427	0.400	106.6	50.0	150	
Myclobutanil	0.000	< 0.100		0.390	0.400	97.5	60.0	120	
Naled	0.000	< 0.250		0.481	1.000	48.1	50.0	150	Q6
Oxamyl	0.000	< 0.500		1.831	2.000	91.6	60.0	120	
Paclobutrazole	0.000	< 0.200		0.861	0.800	107.6	60.0	120	
Parathion-Methyl	0.000	< 0.200		0.697	0.800	87.2	50.0	150	
Permethrin	0.000	< 0.100		0.381	0.400	95.3	50.0	150	
Phosmet	0.000	< 0.100		0.413	0.400	103.1	50.0	150	
Piperonyl butoxide	0.000	< 0.500		2.209	2.000	110.4	60.0	120	
Prallethrin	0.000	< 0.100		0.407	0.400	101.7	60.0	120	
Propiconazole	0.000	< 0.200		0.822	0.800	102.8	60.0	120	
Propoxur	0.000	< 0.100		0.416	0.400	103.9	60.0	120	
Pyrethrin (Summe)	0.000	< 0.100		0.433	0.413	104.8	60.0	120	
Pyridaben	0.000	< 0.100		0.398	0.400	99.4	50.0	150	
Spinosad	0.000	< 0.100		0.418	0.388	107.8	50.0	150	
Spiromesifen	0.000	< 0.100		0.395	0.400	98.7	60.0	120	
Spirotetramat	0.000	< 0.100		0.395	0.400	98.7	60.0	120	
Spiroxamine	0.000	< 0.200		0.829	0.800	103.6	60.0	120	
Tebuconazole	0.000	< 0.200		0.829	0.800	103.6	60.0	120	
Thiacloprid	0.000	< 0.100		0.423	0.400	105.7	60.0	120	
Thiamethoxam	0.000	< 0.100		0.374	0.400	93.5	60.0	120	
Trifloxystrobin	0.000	< 0.100		0.407	0.400	101.8	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: 2204731										
Matrix Spike/Matrix Spike Duplicate Recoveries Sample ID: 22-006239-0001										
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	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	120.9%	120.9%	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	0.386	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%	99.6%	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	0.556	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	
Chlorfenvapir	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	
Clofentazine	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	2.303	2.345	2.000	1.8%	< 30	115.2%	117.3%	50 - 150	
Dimethoate	0.000	0.493	0.498	0.400	1.2%	< 30	123.2%	124.6%	50 - 150	
Ethoprophos	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	106.6%	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	0.493	0.503	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
Flonicamid	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	
Kresoxim-methyl	0.000	0.833	0.871	0.800	4.5%	< 30	104.1%	108.9%	50 - 150	
Malathion	0.000	0.458	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	0.436	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	
MGK-264	0.000	0.583	0.575	0.400	1.4%	< 30	145.8%	143.7%	50 - 150	
Myclobutanil	0.000	0.435	0.450	0.400	3.3%	< 30	108.8%	112.4%	50 - 150	
Naled	0.000	1.266	1.289	1.000	1.8%	< 30	126.6%	128.9%	50 - 150	
Oxamyl	0.000	1.881	1.891	2.000	0.5%	< 30	94.1%	94.5%	50 - 150	
Paclobutrazole	0.000	1.338	1.316	0.800	1.7%	< 30	167.3%	164.5%	50 - 150	Q
Parathion-Methyl	0.000	0.832	0.906	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	0.493	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	121.9%	124.2%	50 - 150	
Pyrethrin (Summe)	0.000	0.446	0.455	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	
Spiromesifen	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
Thiacloprid	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	



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



Report Number: 22-006236/D005.R000
Report Date: 06/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/31/22 10:44

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	936	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		786	980	µg/g	80.2	60 - 120	
m,p-Xylene	ND	< 200		786	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	
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	

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.