



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

Report Number: 22-008784/D005.R000
Report Date: 08/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 07/26/22 10:58

Customer:
Product identity: Watermelon Squares 1992022DDB0000473 10mg D9
Client/Metric ID: .
Laboratory ID: 22-008784-0002

Summary

Potency:

Analyte per 3.75g	Result	Limits	Units	Status	
Δ8-THC per 3.75g	0.352		mg/3.75g		THC-Total per Serving Size 9.94 mg/3.75g
Δ9-THC per 3.75g	9.94		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:

Product identity: Watermelon Squares 1992022DDB0000473 10mg D9
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-008784-0002
Evidence of Cooling: No
Temp: 22.6 °C
Serving Size #1: 3.75 g

Sample Results

Potency per 3.75g						Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2206373	Analyze: 7/28/22 3:01:00 PM
Analyte	Result	Limits	Units	LOQ	Notes				
CBD per 3.75g	< LOQ		mg/3.75g	0.121					
CBD-A per 3.75g	< LOQ		mg/3.75g	0.121					
CBD-Total per 3.75g	< LOQ		mg/3.75g	0.227					
CBG per 3.75g	< LOQ		mg/3.75g	0.121					
CBG-A per 3.75g	< LOQ		mg/3.75g	0.121					
CBG-Total per 3.75g	< LOQ		mg/3.75g	0.225					
CBN per 3.75g	< LOQ		mg/3.75g	0.121					
Δ8-THC per 3.75g	0.352		mg/3.75g	0.121					
Δ9-THC per 3.75g	9.94		mg/3.75g	0.121					
THC-A per 3.75g	< LOQ		mg/3.75g	0.121					
THC-Total per 3.75g	9.94		mg/3.75g	0.227					

Microbiology									
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes	
Aerobic Plate Count	< LOQ		cfu/g	10	2206303	07/29/22 AOAC 990.12 (Petrifilm) ^p			
E.coli	< LOQ		cfu/g	10	2206301	07/29/22 AOAC 991.14 (Petrifilm) ^p			
Total Coliforms	< LOQ		cfu/g	10	2206301	07/29/22 AOAC 991.14 (Petrifilm) ^p			
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2206302	07/30/22 AOAC 2014.05 (RAPID) ^p			
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2206302	07/30/22 AOAC 2014.05 (RAPID) ^p			



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Solvents											Method: Residual Solvents by GC/MS ^b					Units µg/g	Batch 2206401	Analyze 07/29/22 09:48 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) ^b											
Units mg/kg Batch 2206461 Analyze 08/02/22 07:38 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [‡]	< LOQ	0.50	0.250	pass		Acephate [‡]	< LOQ	0.40	0.250	pass	
Acequinocyl [‡]	< LOQ	2.0	1.00	pass		Acetamidiprid [‡]	< 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		Pacllobutrazole [‡]	< 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	Analyzed	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.0185	2206513	08/02/22	AOAC 2013.06 (mod.) ^b	pass		
Cadmium	< LOQ	0.200	mg/kg	0.0185	2206513	08/02/22	AOAC 2013.06 (mod.) ^b	pass		
Lead	< LOQ	0.500	mg/kg	0.0185	2206513	08/02/22	AOAC 2013.06 (mod.) ^b	pass		
Mercury	< LOQ	0.100	mg/kg	0.00926	2206513	08/02/22	AOAC 2013.06 (mod.) ^b	pass		



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

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓟ = ISO/IEC 17025:2017 accredited method.

* = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

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

mg/3.75g = Milligram per 3.75g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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

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

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

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: 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 1992022DDB0000472 10mg D9	07/19/22	✓	✓	✓	✓	✓	✓	✓				E	45g	Contains Active as Noted
	Watermelon Squares 1992022DDB0000473 10mg D9	07/18/22	✓	✓	✓	✓	✓	✓	✓				E	45g	Please report in mg/serving
	Strawberry Squares 1992022DDB0000474 10mg D9	07/18/22	✓	✓	✓	✓	✓	✓	✓				E	45g	
	Watermelon Squares 1992022DDB0000476 50mg D8	07/19/22	✓	✓	✓	✓	✓	✓	✓				E	39.6g	Standard Serving Sizes: D8: 3.3g D9: 3.75g
	Green Apple Square 1992022DDB0000475 50mg D8	07/19/22	✓	✓	✓	✓	✓	✓	✓				E	39.6g	
	Blue Raspberry Square 1992022DDB0000477 50mg D8	07/19/22	✓	✓	✓	✓	✓	✓	✓				E	39.6g	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			07/19/22		AC			7-26	10:58	<input checked="" type="checkbox"/> Shipped Via: <u>VPS</u> or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>22.6</u> 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 ID: 3177 Revision: 3
Effective: 04/26/2022
Page 1 of 1

PACKAGE RECEIVING FORM

Delivery Date: 7-26 Same as Opened By Date Unsure

How was the package delivered?

UPS FEDEX USPS DHL OTHER: _____

Tracking Number: 1Z 078 27A 03 3263 4399

	CIRCLE ONE	
1) Was package sealed with no evidence of holes/tampering? Further custody seal/tampering notes: _____	<input checked="" type="radio"/> YES	<input type="radio"/> NO
2) Was packing material used? If YES: <input type="checkbox"/> PEANUTS <input checked="" type="checkbox"/> BUBBLE <input type="checkbox"/> WRAP <input type="checkbox"/> FOAM PAPER	<input checked="" type="radio"/> YES	<input type="radio"/> NO
3) Was a Complete Chain of Custody (COC) received? Comment (PT?, Email?): <u>Missing time</u>	<input checked="" type="radio"/> YES	<input type="radio"/> NO
4) Sample temperature upon arrival?	<u>22.6</u> °C	
5) Evidence of cooling? If YES, What kind? <input type="checkbox"/> ICE <input type="checkbox"/> FREEZER PACK <input type="checkbox"/> DRY ICE Insulation? <input type="checkbox"/> PLASTIC COOLER <input type="checkbox"/> STYROFOAM <input type="checkbox"/> OTHER: _____	<input type="radio"/> YES	<input checked="" type="radio"/> NO
6) Were sample containers sealed in separate plastic bags/secondary containment?	<input type="radio"/> YES	<input checked="" type="radio"/> NO
7) Did sample containers arrive in good condition? If NO: <input type="checkbox"/> LEAKED <input type="checkbox"/> BROKEN <input type="checkbox"/> OTHER: _____ If NO: Suspect contamination of other samples? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO
8) Sample labels present?	<input checked="" type="radio"/> YES	<input type="radio"/> NO
9) Do sample labels agree with COC? If NO, number of sample containers received: _____	<input checked="" type="radio"/> YES	<input type="radio"/> NO

Sample pre-log location:

R39 R44 F44 R99 CANNA SHELF FOOD SHELF Other: _____

Other Notes:

Received By (initials): AC Date: 7-26 Time: 10:58



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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2206373

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDVA	1	0.0340	0.033	%	102	80.0	-	120	Acceptable	
CBDV	1	0.0372	0.033	%	111	80.0	-	120	Acceptable	
CBE	1	0.0335	0.033	%	101	80.0	-	120	Acceptable	
CBDA	1	0.0336	0.032	%	105	90.0	-	110	Acceptable	
CBGA	1	0.0330	0.031	%	105	80.0	-	120	Acceptable	
CBG	1	0.0367	0.035	%	106	80.0	-	120	Acceptable	
CBD	1	0.0398	0.037	%	106	90.0	-	110	Acceptable	
THCV	1	0.0342	0.033	%	103	80.0	-	120	Acceptable	
d8THCV	1	0.0345	0.033	%	104	80.0	-	120	Acceptable	
THCVA	1	0.0319	0.033	%	95.7	80.0	-	120	Acceptable	
CBN	1	0.0375	0.035	%	106	90.0	-	110	Acceptable	
exo-THC	1	0.0329	0.033	%	98.7	80.0	-	120	Acceptable	
d9THC	1	0.0375	0.037	%	101	90.0	-	110	Acceptable	
d8THC	1	0.0348	0.035	%	99.9	90.0	-	110	Acceptable	
CBL	1	0.0310	0.033	%	92.9	80.0	-	120	Acceptable	
CBC	1	0.0342	0.033	%	103	80.0	-	120	Acceptable	
THCA	1	0.0318	0.030	%	107	90.0	-	110	Acceptable	
CBCA	1	0.0327	0.033	%	98.0	80.0	-	120	Acceptable	
CBLA	1	0.0340	0.033	%	102	80.0	-	120	Acceptable	
CBT	1	0.0324	0.033	%	97.3	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 MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2206373						
Sample Duplicate		Sample ID: 22-008284-0001-01						
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	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00613	0.00414	0.003	%	38.8	< 20	Outlier	R
CBD	0.188	0.179	0.003	%	4.90	< 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	0.00559	0.00540	0.003	%	3.41	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.00726	0.00678	0.003	%	6.80	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	0.00326	0.00310	0.003	%	4.85	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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

Report Number: 22-008784/D005.R000
Report Date: 08/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 07/26/22 10:58

Revision: Document ID:
Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2206401					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		426	572	µg/g	74.5	60 - 120	
Isobutane	ND	< 200		499	731	µg/g	68.3	60 - 120	
Butane	ND	< 200		482	731	µg/g	65.9	60 - 120	
2,2-Dimethylpropane	ND	< 200		724	936	µg/g	77.4	60 - 120	
Methanol	ND	< 200		1310	1650	µg/g	79.4	60 - 120	
Ethylene Oxide	ND	< 30		39	56.2	µg/g	69.4	60 - 120	
2-Methylbutane	ND	< 200		1210	1620	µg/g	74.7	60 - 120	
Pentane	ND	< 200		1230	1610	µg/g	76.4	60 - 120	
Ethanol	ND	< 200		1270	1620	µg/g	78.4	70 - 130	
Ethyl Ether	ND	< 200		1230	1600	µg/g	76.9	60 - 120	
2,2-Dimethylbutane	ND	< 30		126	167	µg/g	75.4	60 - 120	
Acetone	ND	< 200		1290	1620	µg/g	79.6	60 - 120	
2-Propanol	ND	< 200		1290	1610	µg/g	80.1	60 - 120	
Acetonitrile	ND	< 100		492	635	µg/g	77.5	60 - 120	
2,3-Dimethylbutane	ND	< 30		149	177	µg/g	84.2	60 - 120	
Dichloromethane	ND	< 60		365	498	µg/g	73.3	60 - 120	
2-Methylpentane	ND	< 30		116	166	µg/g	69.9	60 - 120	
3-Methylpentane	ND	< 30		133	175	µg/g	76.0	60 - 120	
Hexane	ND	< 30		132	174	µg/g	75.9	60 - 120	
Ethyl acetate	ND	< 200		1230	1610	µg/g	76.4	60 - 120	
2-Butanol	ND	< 200		1230	1620	µg/g	75.9	60 - 120	
Tetrahydrofuran	ND	< 100		355	507	µg/g	70.0	60 - 120	
Cyclohexane	ND	< 200		1190	1610	µg/g	73.9	60 - 120	
Benzene	ND	< 1		3.57	5.22	µg/g	68.4	60 - 120	
Isopropyl Acetate	ND	< 200		1220	1610	µg/g	75.8	60 - 120	
Heptane	ND	< 200		1190	1610	µg/g	73.9	60 - 120	
1,4-Dioxane	ND	< 100		359	508	µg/g	70.7	60 - 120	
2-Ethoxyethanol	ND	< 30		118	165	µg/g	71.5	60 - 120	
Ethylene Glycol	ND	< 200		314	492	µg/g	63.8	60 - 120	
Toluene	ND	< 100		340	497	µg/g	68.4	60 - 120	
Ethylbenzene	ND	< 200		664	980	µg/g	67.8	60 - 120	
m,p-Xylene	ND	< 200		650	985	µg/g	66.0	60 - 120	
o-Xylene	ND	< 200		641	965	µg/g	66.4	60 - 120	
Cumene	ND	< 30		108	168	µg/g	64.3	60 - 120	



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QC - Sample Duplicate			Sample ID: 22-008724-0001					
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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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: 2206461			
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.953	1.000	95.3	50.0	150
Acephate	0.000	< 0.250		0.723	1.000	72.3	60.0	120
Acetamiprid	0.000	< 1.000		2.949	4.000	73.7	40.0	160
Acetamiprid	0.000	< 0.100		0.329	0.400	82.2	60.0	120
Aldicarb	0.000	< 0.200		0.658	0.800	82.3	60.0	120
Azoxystrobin	0.017	< 0.100		0.334	0.400	83.5	60.0	120
Bifenazate	0.000	< 0.100		0.315	0.400	78.8	60.0	120
Bifenthrin	0.000	< 0.100		0.344	0.400	86.1	50.0	150
Boscalid	0.000	< 0.200		0.694	0.800	86.8	60.0	120
Carbaryl	0.000	< 0.100		0.342	0.400	85.4	60.0	120
Carbofuran	0.000	< 0.100		0.354	0.400	88.4	60.0	120
Chlorantraniliprole	0.000	< 0.100		0.323	0.400	80.8	60.0	120
Chlorfenapyr	0.000	< 0.500		1.908	2.000	95.4	60.0	120
Chlorpyrifos	0.000	< 0.100		0.360	0.400	90.0	60.0	120
Clofentazine	0.000	< 0.100		0.157	0.400	39.3	60.0	120
Cyfluthrin	0.000	< 0.500		1.858	2.000	92.9	50.0	150
Cypermethrin	0.000	< 0.500		1.861	2.000	93.0	50.0	150
Daminozide	0.000	< 0.500		0.473	2.000	23.7	60.0	120
Diazinon	0.000	< 0.100		0.360	0.400	90.0	60.0	120
Dichlorvos	0.000	< 0.500		1.784	2.000	89.2	60.0	120
Dimethoate	0.000	< 0.100		0.330	0.400	82.6	60.0	120
Ethoprophos	0.000	< 0.100		0.345	0.400	86.2	60.0	120
Etofenprox	0.000	< 0.200		0.693	0.800	86.6	50.0	150
Etoxazole	0.000	< 0.100		0.337	0.400	84.3	60.0	120
Fenoxycarb	0.000	< 0.100		0.344	0.400	86.1	60.0	120
Fenpyroximate	0.000	< 0.200		0.752	0.800	94.0	60.0	120
Fipronil	0.000	< 0.200		0.731	0.800	91.3	60.0	120
Fonicamid	0.000	< 0.250		0.723	1.000	72.3	60.0	120
Fludioxonil	0.000	< 0.200		0.691	0.800	86.4	50.0	150
Hexythiazox	0.000	< 0.250		0.873	1.000	87.3	60.0	120
Imazalil	0.000	< 0.100		0.330	0.400	82.4	60.0	120
Imidacloprid	0.064	< 0.200		0.603	0.800	75.4	60.0	120
Kresoxim-methyl	0.000	< 0.200		0.696	0.800	87.0	60.0	120
Malathion	0.000	< 0.100		0.336	0.400	84.1	60.0	120
Metaxalyl	0.012	< 0.100		0.329	0.400	82.2	60.0	120
Methiocarb	0.000	< 0.100		0.340	0.400	85.1	60.0	120
Methomyl	0.000	< 0.200		0.528	0.800	66.0	60.0	120
MGK-264	0.000	< 0.100		0.353	0.400	88.1	50.0	150
Myclobutanil	0.000	< 0.100		0.370	0.400	92.6	60.0	120
Naled	0.000	< 0.250		0.162	1.000	16.2	50.0	150
Oxamyl	0.000	< 0.500		1.485	2.000	74.2	60.0	120
Pacllobutrazole	0.000	< 0.200		0.668	0.800	83.4	60.0	120
Parathion-Methyl	0.000	< 0.200		0.482	0.800	60.3	50.0	150
Permethrin	0.000	< 0.100		0.362	0.400	90.5	50.0	150
Phosmet	0.000	< 0.100		0.332	0.400	83.1	50.0	150
Piperonyl butoxide	0.000	< 0.500		1.732	2.000	86.6	60.0	120
Prallethrin	0.000	< 0.100		0.324	0.400	81.0	60.0	120
Propiconazole	0.155	< 0.200		0.676	0.800	84.5	60.0	120
Propoxur	0.000	< 0.100		0.343	0.400	85.6	60.0	120
Pyrethrin (Summe)	0.000	< 0.100		0.341	0.413	82.6	60.0	120
Pyridaben	0.000	< 0.100		0.336	0.400	84.1	50.0	150
Spirosad	0.000	< 0.100		0.389	0.388	100.4	50.0	150
Spiromesifen	0.000	< 0.100		0.351	0.400	87.7	60.0	120
Spirotetramat	0.000	< 0.100		0.290	0.400	72.5	60.0	120
Spiroxamine	0.000	< 0.200		0.667	0.800	83.3	60.0	120
Tebuconazole	0.000	< 0.200		0.689	0.800	86.1	60.0	120
Thiacloprid	0.000	< 0.100		0.336	0.400	83.9	60.0	120
Thiamethoxam	0.000	< 0.100		0.279	0.400	69.7	60.0	120
Trifloxystrobin	0.000	< 0.100		0.380	0.400	94.9	60.0	120



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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 2206461				
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 22-008784-0001								
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	1.000	1.012	1.000	1.3%	< 30	100.0%	101.2%	50 - 150	
Acephate	0.000	1.031	0.980	1.000	5.0%	< 30	103.1%	98.0%	50 - 150	
Acequinocyl	0.000	7.777	8.324	4.000	6.8%	< 30	194.4%	208.1%	50 - 150	Q
Acetamiprid	0.000	0.487	0.494	0.400	1.3%	< 30	121.9%	123.4%	50 - 150	
Aldicarb	0.000	0.897	0.870	0.800	3.0%	< 30	112.1%	108.8%	50 - 150	
Azoxystrobin	0.000	0.604	0.632	0.400	4.5%	< 30	151.1%	158.1%	50 - 150	Q
Bifenazate	0.000	0.479	0.492	0.400	2.8%	< 30	119.7%	123.1%	50 - 150	
Bifenthrin	0.000	0.989	0.991	0.400	0.2%	< 30	247.4%	247.8%	50 - 150	Q
Boscalid	0.000	1.166	1.240	0.800	6.1%	< 30	145.8%	155.0%	50 - 150	Q
Carbaryl	0.000	0.525	0.527	0.400	0.3%	< 30	131.3%	131.7%	50 - 150	
Carbofuran	0.000	0.596	0.601	0.400	0.9%	< 30	148.9%	150.2%	50 - 150	Q
Chlorantraniliprole	0.000	0.407	0.403	0.400	1.1%	< 30	101.8%	100.7%	50 - 150	
Chlorfenapyr	0.000	4.027	5.009	2.000	21.7%	< 30	201.4%	250.5%	50 - 150	Q
Chlorpyrifos	0.000	0.492	0.493	0.400	0.2%	< 30	122.9%	123.2%	50 - 150	
Clofentezine	0.000	0.421	0.431	0.400	2.3%	< 30	105.2%	107.6%	50 - 150	
Cyfluthrin	0.000	1.852	1.820	2.000	1.8%	< 30	92.6%	91.0%	30 - 150	
Cypermethrin	0.000	2.439	2.452	2.000	0.5%	< 30	121.9%	122.6%	50 - 150	
Daminozide	0.000	0.946	0.952	2.000	0.6%	< 30	47.3%	47.6%	30 - 150	
Diazinon	0.000	0.425	0.443	0.400	4.1%	< 30	106.3%	110.7%	50 - 150	
Dichlorvos	0.000	2.113	2.016	2.000	4.7%	< 30	105.7%	100.8%	50 - 150	
Dimethoate	0.000	0.495	0.482	0.400	2.5%	< 30	123.6%	120.6%	50 - 150	
Ethoprophos	0.000	0.484	0.504	0.400	4.0%	< 30	121.0%	126.0%	50 - 150	
Etofenprox	0.000	2.199	2.229	0.800	1.4%	< 30	274.9%	278.6%	50 - 150	Q
Etoxazole	0.000	0.761	0.790	0.400	3.7%	< 30	190.3%	197.6%	50 - 150	Q
Fenoxycarb	0.000	0.450	0.473	0.400	4.9%	< 30	112.6%	118.3%	50 - 150	
Fenpyroximate	0.000	1.314	1.325	0.800	0.8%	< 30	164.2%	165.6%	50 - 150	Q
Fipronil	0.000	1.574	1.553	0.800	1.4%	< 30	196.8%	194.1%	50 - 150	Q
Flonicamid	0.000	1.142	0.966	1.000	16.7%	< 30	114.2%	96.6%	50 - 150	
Fludioxonil	0.000	0.695	0.694	0.800	0.1%	< 30	86.9%	86.8%	50 - 150	
Hexythiazox	0.000	1.697	1.820	1.000	7.0%	< 30	169.7%	182.0%	50 - 150	Q
Imazalil	0.000	0.529	0.581	0.400	9.3%	< 30	132.4%	145.3%	50 - 150	
Imidacloprid	0.065	0.742	0.727	0.800	2.2%	< 30	84.7%	82.8%	50 - 150	
Kresoxim-methyl	0.000	1.044	1.099	0.800	5.2%	< 30	130.5%	137.4%	50 - 150	
Malathion	0.000	0.607	0.624	0.400	2.8%	< 30	151.7%	156.0%	50 - 150	Q
Metaxalyl	0.000	0.492	0.502	0.400	2.0%	< 30	122.9%	125.4%	50 - 150	
Methiocarb	0.000	0.452	0.448	0.400	0.9%	< 30	112.9%	112.0%	50 - 150	
Methomyl	0.000	0.911	0.797	0.800	13.3%	< 30	113.9%	99.7%	50 - 150	
MGK-264	0.000	0.411	0.437	0.400	6.2%	< 30	102.7%	109.3%	50 - 150	
Myclobutanil	0.000	0.525	0.565	0.400	7.4%	< 30	131.1%	141.1%	50 - 150	
Naled	0.000	1.567	1.569	1.000	0.1%	< 30	156.7%	156.9%	50 - 150	Q
Oxamyl	0.000	2.725	1.970	2.000	32.1%	< 30	136.3%	98.5%	50 - 150	R
Paclobutrazole	0.000	1.039	1.099	0.800	5.6%	< 30	129.9%	137.4%	50 - 150	
Parathion-Methyl	0.000	0.589	0.687	0.800	15.4%	< 30	73.6%	85.9%	30 - 150	
Permethrin	0.000	0.612	0.621	0.400	1.5%	< 30	153.0%	155.3%	50 - 150	Q
Phosmet	0.000	0.551	0.575	0.400	4.3%	< 30	137.7%	143.8%	50 - 150	
Piperonyl butoxide	0.000	2.046	2.137	2.000	4.4%	< 30	102.3%	106.9%	50 - 150	
Prallethrin	0.000	0.339	0.334	0.400	1.7%	< 30	84.9%	83.4%	50 - 150	
Propiconazole	0.000	1.396	1.474	0.800	5.4%	< 30	174.5%	184.3%	50 - 150	Q
Propoxur	0.000	0.544	0.525	0.400	3.5%	< 30	135.9%	131.2%	50 - 150	Q
Pyrethrin (Summe)	0.000	0.623	0.607	0.413	2.5%	< 30	150.7%	147.0%	50 - 150	Q
Pyridaben	0.000	0.690	0.717	0.400	3.8%	< 30	172.6%	179.3%	50 - 150	Q
Spirosad	0.000	0.585	0.604	0.388	3.1%	< 30	150.9%	155.6%	50 - 150	Q
Spiromesifen	0.000	0.821	0.882	0.400	7.2%	< 30	205.2%	220.5%	50 - 150	Q
Spirotetramat	0.000	0.481	0.501	0.400	4.0%	< 30	120.3%	125.3%	50 - 150	
Spiroxamine	0.000	0.932	0.969	0.800	4.0%	< 30	116.5%	121.2%	50 - 150	
Tebuconazole	0.000	1.011	1.081	0.800	6.6%	< 30	126.4%	135.1%	50 - 150	
Thiacloprid	0.000	0.496	0.519	0.400	4.5%	< 30	124.0%	129.7%	50 - 150	
Thiamethoxam	0.000	0.459	0.414	0.400	10.3%	< 30	114.8%	103.6%	50 - 150	
Trifloxystrobin	0.000	0.901	0.911	0.400	1.1%	< 30	225.2%	227.6%	50 - 150	Q



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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.