



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



Report Number: 22-005768/D014.R000
Report Date: 05/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/18/22 10:39

Customer: DEV NutraProducts
Product identity: Yuzu Ice Cream Domes 0672022DDB001001Q 25mg HHC
Client/Metric ID: .
Laboratory ID: 22-005768-0003

Summary

Potency:

Analyte per 3.75g	Result	Limits	Units	Status	
CBD per 3.75g	0.205		mg/3.75g		CBD-Total per 3.75g <LOQ
Δ8-THC per 3.75g†	0.163		mg/3.75g		
HHC (9R-Hexahydrocannabinol)	10.3		mg/3.75g		THC-Total per 3.75g <LOQ
HHC (9S-Hexahydrocannabinol)	18.4		mg/3.75g		
(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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Received: 05/18/22 10:39

Customer: DEV NutraProducts

Product identity: Yuzu Ice Cream Domes 0672022DDB001001Q 25mg HHC

Client/Metric ID:

Sample Date:

Laboratory ID: 22-005768-0003

Evidence of Cooling: No

Temp: 18.5 °C

Relinquished by: UPS

Serving Size #1: 3.75 g



Sample Results

Potency per 3.75g						Method J AOAC 2015 V98-6 (mod)Units mg/se		Batch: 2204309		Analyze: 5/19/22 8:26:00 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	0.226							
CBN per 3.75g	0.205		mg/3.75g	0.121							
Δ8-THC per 3.75g†	0.163		mg/3.75g	0.121							
Δ9-THC per 3.75g	< LOQ		mg/3.75g	0.121							
HHC (9R-Hexahydrocannabinol) per	10.3		mg/3.75g	0.121							
HHC (9S-Hexahydrocannabinol) per	18.4		mg/3.75g	0.121							
THC-A per 3.75g	< LOQ		mg/3.75g	0.121							
THC-O-Acetate, delta-8 per 3.75g†	< LOQ		mg/3.75g	0.121							
THC-O-Acetate, delta-9 per 3.75g†	< LOQ		mg/3.75g	0.121							
THC-Total per 3.75g	< LOQ		mg/3.75g	0.227							

Microbiology									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2204266	05/21/22	AOAC 990.12 (Petrifilm)	X	
E.coli	< LOQ		cfu/g	10	2204264	05/21/22	AOAC 991.14 (Petrifilm)	X	
Total Coliforms	< LOQ		cfu/g	10	2204264	05/21/22	AOAC 991.14 (Petrifilm)	X	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2204265	05/22/22	AOAC 2014.05 (RAPID)	X	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2204265	05/22/22	AOAC 2014.05 (RAPID)	X	



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Solvents						Residual Solvents by GC/MS					Units	µg/g	Batch	Analyze 05/25/22 01:22 PM					
Analyte	Method	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) Units mg/kg Batch 2204339 Analyze 05/23/22 09:31 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		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifentazate	< 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		Fonicamid	< 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		Paclobotrazole	< 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	0.0177	2204321	05/20/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0177	2204321	05/20/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0152	2204357	05/23/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.00885	2204321	05/20/22	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

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

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**

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) <input type="checkbox"/> Residual Solvents Oregon (H0008) <input type="checkbox"/> Heavy Metals (H0013) <input type="checkbox"/> Mycotoxins (H0042) <input type="checkbox"/> Micro Profile D (M1010) <input type="checkbox"/> Terpenes (H0030) <input type="checkbox"/> Potency-Basic (H0014) <input type="checkbox"/> Potency Basic + Expanded (H0010) <input type="checkbox"/> Potency Basic + ADCs (H0015) <input type="checkbox"/> 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		
	Pineapple E-Puck 1322022DDB000390.5 10mg D9	05/13/22	✓	✓	✓	✓	✓	✓	✓				E	33g	Contains HHC, D9, D8, D10, THCO, CBD, and Mother Liquor as noted		
	Lemon Zinger Domes 0682022DDB001001Q 25mg HHC	03/09/22											E	33g			
	Yuzu Ice Cream Domes 0672022DDB001001Q 25mg HHC	03/08/22	✓	✓	✓	✓	✓						E	49.5g	Please report in mg/serving		
	Tangelo Domes 0752022DDB001001Q 25mg HHC	03/06/22	✓	✓	✓	✓	✓						E	49.5g			
	Strawberry Limade Domes 0742022DDB001001Q 25mg HHC	03/15/22	✓	✓	✓	✓	✓						E	49.5g	Standard Serving Sizes:		
	Blood Orange Cream Domes 0672022DDB001001Q 25mg HHC	03/08/22	✓	✓	✓	✓	✓						E	49.5g	D8 Squares, Bears, and E-Puck 3.3g		
	Birthday Cake Domes 0772022DDB001001Q 25mg HHC	03/18/22	✓	✓	✓	✓	✓						E	49.5g	D9 Domes, Squares, and BL-Puck 3.75g Diamonds 5g Hearts 5g Pucks 3.3g		
Signature - Relinquished By: Deanna Petrin			Date: 05/16/22			Time:			Signature - Received By: AE			Date: 5/18/22			Time: 10:39		
Lab Use Only: <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): 14.5 Sample in good condition: <input 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 CDC. 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@columbiolaboratories.com Page _____ of _____ www.columbiolaboratories.com



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Document ID: 3177 Revision: 3
Effective: 04/26/2022
Page 1 of 1

PACKAGE RECEIVING FORM

Delivery Date: 5/18/22 Same as Opened By Date Unsure

How was the package delivered?

UPS FEDEX USPS DHL OTHER: _____

Tracking Number: 1Z 074 27A 02 2250 3130

		CIRCLE ONE	
1) Was package sealed with no evidence of holes/tampering?		<input checked="" type="radio"/> YES	<input type="radio"/> NO
Further custody seal/tampering notes: _____			
2) Was packing material used?		<input type="radio"/> YES	<input checked="" type="radio"/> NO
If YES: <input type="checkbox"/> PEANUTS <input type="checkbox"/> BUBBLE <input type="checkbox"/> WRAP <input type="checkbox"/> FOAM PAPER			
3) Was a Complete Chain of Custody (COC) received?		<input checked="" type="radio"/> YES	<input type="radio"/> NO
Comment (PT?, Email?): _____			
4) Sample temperature upon arrival?		<u>18.5</u> °C	
5) Evidence of cooling?		<input type="radio"/> YES	<input checked="" type="radio"/> NO
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: _____			
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?		<input checked="" type="radio"/> YES	<input type="radio"/> NO
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			
8) Sample labels present?		<input checked="" type="radio"/> YES	<input type="radio"/> NO
9) Do sample labels agree with COC?		<input checked="" type="radio"/> YES	<input type="radio"/> NO
If NO, number of sample containers received: _____			

Sample pre-log location:

R39 R44 F44 R99 CANNA SHELF FOOD SHELF Other: _____

Other Notes:

Received By (Initials): AE Date: 5/18/22 Time: 10:39



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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: 2204309**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.0345	0.033	%	103	80.0 - 120	Acceptable	
CBDV	1	0.0358	0.033	%	107	80.0 - 120	Acceptable	
CBE	1	0.0324	0.033	%	97.2	80.0 - 120	Acceptable	
CBDA	1	0.0328	0.033	%	98.5	90.0 - 110	Acceptable	
CBGA	1	0.0319	0.033	%	95.8	80.0 - 120	Acceptable	
CBG	1	0.0311	0.033	%	93.4	80.0 - 120	Acceptable	
CBD	1	0.0344	0.033	%	103	90.0 - 110	Acceptable	
THCV	1	0.0329	0.033	%	98.7	80.0 - 120	Acceptable	
d8THCV	1	0.0339	0.033	%	102	80.0 - 120	Acceptable	
THCVA	1	0.0325	0.033	%	97.6	80.0 - 120	Acceptable	
CBN	1	0.0337	0.033	%	101	90.0 - 110	Acceptable	
exo-THC	1	0.0318	0.033	%	95.4	80.0 - 120	Acceptable	
d9THC	1	0.0323	0.033	%	96.9	90.0 - 110	Acceptable	
d8THC	1	0.0308	0.033	%	92.4	80.0 - 120	Acceptable	
CBL	1	0.0311	0.033	%	93.2	80.0 - 120	Acceptable	
9R-HHC	3	0.0332	0.033	%	99.6	80.0 - 120	Acceptable	
CBC	1	0.0337	0.033	%	101	80.0 - 120	Acceptable	
9S-HHC	3	0.0327	0.033	%	98.0	80.0 - 120	Acceptable	
THCA	1	0.0333	0.033	%	99.9	90.0 - 110	Acceptable	
CBCA	1	0.0337	0.033	%	101	80.0 - 120	Acceptable	
CBLA	1	0.0340	0.033	%	102	80.0 - 120	Acceptable	
d8THCO	3	0.0359	0.033	%	108	80.0 - 120	Acceptable	
CBT	1	0.0302	0.033	%	90.6	80.0 - 120	Acceptable	
d9THCO	3	0.0316	0.033	%	94.8	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
9R-HHC	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
9S-HHC	<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	
d8THCO	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	
d9THCO	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference



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Laboratory Quality Control Results

LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2204309						
Sample Duplicate		Sample ID: 22-005739-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0032	0.0032	0.003	%	0.249	< 20	Acceptable	
CBE	0.0050	0.0050	0.003	%	0.0203	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	0.654	0.655	0.003	%	0.219	< 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	0.0038	0.0038	0.003	%	0.299	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.0075	0.0075	0.003	%	0.777	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	0.0046	0.0047	0.003	%	3.92	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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



Report Number: 22-005768/D014.R000
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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg			Batch ID: 2204339			
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.987	1.000	98.7	50.0	150
Acephate	0.000	< 0.250		0.951	1.000	95.1	60.0	120
Acetaminocyl	0.000	< 1.000		3.149	4.000	78.7	40.0	160
Acetamiprid	0.000	< 0.100		0.388	0.400	97.0	60.0	120
Aldicarb	0.000	< 0.200		0.790	0.800	98.7	60.0	120
Azoxystrobin	0.007	< 0.100		0.392	0.400	98.1	60.0	120
Bifenazate	0.000	< 0.100		0.369	0.400	92.2	60.0	120
Bifenthrin	0.000	< 0.100		0.346	0.400	86.6	50.0	150
Boscalid	0.000	< 0.200		0.742	0.800	92.7	60.0	120
Carbaryl	0.000	< 0.100		0.391	0.400	97.8	60.0	120
Carbofuran	0.000	< 0.100		0.370	0.400	92.4	60.0	120
Chlorantraniliprole	0.000	< 0.100		0.377	0.400	94.2	60.0	120
Chlorfenapyr	0.000	< 0.500		3.459	2.000	173.0	60.0	120
Chlorpyrifos	0.000	< 0.100		0.403	0.400	100.7	60.0	120
Clofentazine	0.000	< 0.100		0.273	0.400	68.3	60.0	120
Cyfluthrin	0.000	< 0.500		2.083	2.000	104.2	50.0	150
Cypermethrin	0.000	< 0.500		2.004	2.000	100.2	50.0	150
Daminozide	0.000	< 0.500		0.658	2.000	32.9	60.0	120
Diazinon	0.000	< 0.100		0.397	0.400	99.2	60.0	120
Dichlorvos	0.000	< 0.500		2.346	2.000	117.3	60.0	120
Dimethoate	0.000	< 0.100		0.395	0.400	98.8	60.0	120
Ethoprophos	0.000	< 0.100		0.401	0.400	100.3	60.0	120
Etofenprox	0.000	< 0.200		0.755	0.800	94.3	50.0	150
Etoxazole	0.000	< 0.100		0.459	0.400	114.8	60.0	120
Fenoxycarb	0.000	< 0.100		0.372	0.400	92.9	60.0	120
Fenpyroximate	0.000	< 0.200		0.876	0.800	109.5	60.0	120
Fipronil	0.000	< 0.200		0.740	0.800	92.5	60.0	120
Fonicamid	0.000	< 0.250		1.003	1.000	100.3	60.0	120
Fludioxonil	0.000	< 0.200		0.837	0.800	104.6	50.0	150
Hexythiazox	0.000	< 0.250		1.764	1.000	176.4	60.0	120
Imazalil	0.000	< 0.100		0.409	0.400	102.2	60.0	120
Imidacloprid	0.000	< 0.200		0.777	0.800	97.2	60.0	120
Kresoxim-methyl	0.000	< 0.200		0.757	0.800	94.7	60.0	120
Malathion	0.000	< 0.100		0.373	0.400	93.2	60.0	120
Metlaxyl	0.000	< 0.100		0.391	0.400	97.8	60.0	120
Methiocarb	0.000	< 0.100		0.385	0.400	96.2	60.0	120
Methomyl	0.000	< 0.200		0.713	0.800	89.1	60.0	120
MGK-264	0.000	< 0.100		0.375	0.400	93.7	50.0	150
Myclobutanil	0.000	< 0.100		0.363	0.400	90.8	60.0	120
Naled	0.000	< 0.250		0.585	1.000	58.5	50.0	150
Oxamyl	0.000	< 0.500		1.974	2.000	98.7	60.0	120
Pacllobutrazole	0.000	< 0.200		0.730	0.800	91.2	60.0	120
Parathion-Methyl	0.000	< 0.200		0.799	0.800	99.9	50.0	150
Permethrin	0.000	< 0.100		0.372	0.400	93.0	50.0	150
Phosmet	0.000	< 0.100		0.373	0.400	93.2	50.0	150
Piperonyl butoxide	0.000	< 0.500		1.914	2.000	95.7	60.0	120
Prallethrin	0.000	< 0.100		0.369	0.400	92.3	60.0	120
Propiconazole	0.000	< 0.200		0.682	0.800	85.3	60.0	120
Propoxur	0.000	< 0.100		0.397	0.400	99.3	60.0	120
Pyrethrin (Summe)	0.001	< 0.100		0.419	0.413	101.4	60.0	120
Pyridaben	0.000	< 0.100		0.408	0.400	102.0	50.0	150
Spinosad	0.000	< 0.100		3.350	0.388	863.4	50.0	150
Spiromesifen	0.000	< 0.100		0.389	0.400	97.3	60.0	120
Spirotetramat	0.000	< 0.100		0.360	0.400	90.0	60.0	120
Spiroxamine	0.000	< 0.200		0.727	0.800	90.9	60.0	120
Tebuconazole	0.000	< 0.200		0.747	0.800	93.4	60.0	120
Thiacloprid	0.000	< 0.100		0.382	0.400	95.6	60.0	120
Thiamethoxam	0.000	< 0.100		0.390	0.400	97.5	60.0	120
Trifloxystrobin	0.000	< 0.100		0.373	0.400	93.4	60.0	120



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Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg					Batch ID: 2204339			
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 22-005644-0001								
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.958	0.902	1.000	6.0%	< 30	95.8%	90.2%	50 - 150	
Acephate	0.011	1.004	1.028	1.000	2.4%	< 30	99.3%	101.7%	50 - 150	
Acetaminocyl	1.041	3.130	3.579	4.000	19.5%	< 30	52.2%	63.5%	50 - 150	
Acetamiprid	0.000	0.490	0.499	0.400	1.7%	< 30	122.6%	124.7%	50 - 150	
Aldicarb	0.000	0.906	0.911	0.800	0.5%	< 30	113.3%	113.8%	50 - 150	
Azoxystrobin	0.000	0.514	0.535	0.400	4.0%	< 30	128.6%	133.9%	50 - 150	
Bifenazate	0.000	0.438	0.451	0.400	2.9%	< 30	109.6%	112.9%	50 - 150	
Bifenthrin	0.000	0.088	0.091	0.400	2.6%	< 30	22.1%	22.7%	50 - 150	Q
Boscalid	0.000	0.968	0.975	0.800	0.8%	< 30	121.0%	121.9%	50 - 150	
Carbaryl	0.000	0.501	0.508	0.400	1.3%	< 30	125.3%	126.9%	50 - 150	
Carbofuran	0.000	0.516	0.524	0.400	1.5%	< 30	129.0%	130.9%	50 - 150	
Chlorantraniliprole	0.000	0.397	0.399	0.400	0.5%	< 30	99.3%	99.8%	50 - 150	
Chlorfenapyr	0.000	4.922	5.028	2.000	2.1%	< 30	246.1%	251.4%	50 - 150	Q
Chlorpyrifos	0.000	0.471	0.456	0.400	3.2%	< 30	117.6%	114.0%	50 - 150	
Clofentazine	0.000	0.253	0.262	0.400	3.4%	< 30	63.3%	65.5%	50 - 150	
Cyfluthrin	0.000	2.099	2.201	2.000	4.7%	< 30	105.0%	110.0%	30 - 150	
Cypermethrin	0.000	2.333	2.430	2.000	4.1%	< 30	116.6%	121.5%	50 - 150	
Daminozide	0.006	0.786	0.816	2.000	3.7%	< 30	39.0%	40.5%	30 - 150	
Diazinon	0.000	0.468	0.481	0.400	2.8%	< 30	116.9%	120.3%	50 - 150	
Dichlorvos	0.000	2.541	2.522	2.000	0.7%	< 30	127.0%	126.1%	50 - 150	
Dimethoate	0.000	0.470	0.475	0.400	1.0%	< 30	117.6%	118.8%	50 - 150	
Ethoprophos	0.000	0.449	0.457	0.400	1.7%	< 30	112.2%	114.2%	50 - 150	
Etofenprox	0.000	1.429	1.472	0.800	3.0%	< 30	178.6%	184.0%	50 - 150	Q
Etoxazole	0.000	0.836	0.871	0.400	4.0%	< 30	209.1%	217.6%	50 - 150	Q
Fenoxycarb	0.000	0.418	0.442	0.400	5.5%	< 30	104.6%	110.6%	50 - 150	
Fenpyroximate	0.000	0.836	0.857	0.800	2.5%	< 30	104.5%	107.2%	50 - 150	
Fipronil	0.000	0.833	0.856	0.800	2.7%	< 30	104.2%	107.0%	50 - 150	
Fonicamid	0.000	0.860	0.936	1.000	8.4%	< 30	86.0%	93.6%	50 - 150	
Fludioxonil	0.000	0.807	0.772	0.800	4.4%	< 30	100.9%	96.5%	50 - 150	
Hexythiazox	0.000	2.662	2.782	1.000	4.4%	< 30	266.2%	278.2%	50 - 150	Q
Imazalil	0.000	0.534	0.555	0.400	3.9%	< 30	133.4%	138.8%	50 - 150	
Imidacloprid	0.000	0.754	0.764	0.800	1.3%	< 30	94.2%	95.5%	50 - 150	
Kresoxim-methyl	0.000	0.869	0.941	0.800	8.0%	< 30	108.6%	117.7%	50 - 150	
Malathion	0.000	0.497	0.516	0.400	3.7%	< 30	124.2%	128.9%	50 - 150	
Metaxalyl	0.000	0.462	0.479	0.400	3.6%	< 30	115.5%	119.7%	50 - 150	
Methiocarb	0.000	0.442	0.450	0.400	1.8%	< 30	110.4%	112.4%	50 - 150	
Methomyl	0.000	0.693	0.818	0.800	16.5%	< 30	86.7%	102.3%	50 - 150	
MGK-264	0.000	0.378	0.386	0.400	2.1%	< 30	94.5%	96.5%	50 - 150	
Myclobutanil	0.000	0.434	0.434	0.400	0.0%	< 30	108.5%	108.6%	50 - 150	
Naled	0.000	1.188	1.224	1.000	3.0%	< 30	118.8%	122.4%	50 - 150	
Oxamyl	0.000	1.838	2.003	2.000	8.6%	< 30	91.9%	100.1%	50 - 150	
Pacllobutrazole	0.000	0.849	0.879	0.800	3.4%	< 30	106.2%	109.9%	50 - 150	
Parathion-Methyl	0.000	1.006	0.984	0.800	2.3%	< 30	125.8%	123.0%	30 - 150	
Permethrin	0.000	0.365	0.366	0.400	0.3%	< 30	91.1%	91.4%	50 - 150	
Phosmet	0.000	0.461	0.488	0.400	5.6%	< 30	115.3%	121.9%	50 - 150	
Piperonyl butoxide	0.000	2.212	2.342	2.000	5.7%	< 30	110.6%	117.1%	50 - 150	
Prallethrin	0.000	0.336	0.337	0.400	0.3%	< 30	84.0%	84.2%	50 - 150	
Propiconazole	0.000	0.931	0.975	0.800	4.7%	< 30	116.4%	121.9%	50 - 150	
Propoxur	0.006	0.498	0.500	0.400	0.5%	< 30	122.9%	123.5%	50 - 150	
Pyrethrin (Summe)	0.002	0.411	0.419	0.413	2.0%	< 30	99.1%	101.1%	50 - 150	
Pyridaben	0.000	0.514	0.540	0.400	4.9%	< 30	128.5%	135.1%	50 - 150	Q1
Spinosad	0.000	3.177	3.680	0.388	14.7%	< 30	818.8%	948.5%	50 - 150	Q1
Spiromesifen	0.000	0.617	0.627	0.400	1.7%	< 30	154.1%	156.8%	50 - 150	Q
Spirotetramat	0.000	0.404	0.417	0.400	3.2%	< 30	100.9%	104.2%	50 - 150	
Spiroxamine	0.000	0.872	0.892	0.800	2.2%	< 30	109.0%	111.5%	50 - 150	
Tebuconazole	0.000	0.887	0.912	0.800	2.7%	< 30	110.9%	114.0%	50 - 150	
Thiacloprid	0.000	0.499	0.516	0.400	3.2%	< 30	124.9%	129.0%	50 - 150	
Thiamethoxam	0.000	0.337	0.384	0.400	13.0%	< 30	84.3%	96.1%	50 - 150	
Trifloxystrobin	0.000	0.668	0.687	0.400	2.8%	< 30	166.9%	171.7%	50 - 150	Q



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Laboratory Quality Control Results

Residual Solvents				Batch ID: 2204453					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		529	572	µg/g	92.5	60 - 120	
Isobutane	ND	< 200		782	731	µg/g	107.0	60 - 120	
Butane	ND	< 200		767	731	µg/g	104.9	60 - 120	
2,2-Dimethylpropane	ND	< 200		925	936	µg/g	98.8	60 - 120	
Methanol	ND	< 200		1560	1620	µg/g	96.3	60 - 120	
Ethylene Oxide	ND	< 30		58.3	56.2	µg/g	103.7	60 - 120	
2-Methylbutane	ND	< 200		1550	1620	µg/g	95.7	60 - 120	
Pentane	ND	< 200		1540	1610	µg/g	95.7	60 - 120	
Ethanol	ND	< 200		1660	1630	µg/g	101.8	70 - 130	
Ethyl Ether	ND	< 200		1470	1620	µg/g	90.7	60 - 120	
2,2-Dimethylbutane	ND	< 30		156	174	µg/g	89.7	60 - 120	
Acetone	ND	< 200		1400	1650	µg/g	84.8	60 - 120	
2-Propanol	ND	< 200		1500	1610	µg/g	93.2	60 - 120	
Ethyl Formate	ND	< 500		1310	1600	µg/g	81.9	70 - 130	
Acetonitrile	ND	< 100		472	498	µg/g	94.8	60 - 120	
Methyl Acetate	ND	< 500		1590	1610	µg/g	98.8	70 - 130	
2,3-Dimethylbutane	ND	< 30		149	176	µg/g	84.7	60 - 120	
Dichloromethane	ND	< 60		504	510	µg/g	98.8	60 - 120	
2-Methylpentane	ND	< 30		166	176	µg/g	94.3	60 - 120	
MTBE	ND	< 500		1380	1600	µg/g	86.3	70 - 130	
3-Methylpentane	ND	< 30		154	175	µg/g	88.0	60 - 120	
Hexane	ND	< 30		157	177	µg/g	88.7	60 - 120	
1-Propanol	ND	< 500		1630	1610	µg/g	101.2	70 - 130	
Methylethylketone	ND	< 500		1570	1600	µg/g	98.1	70 - 130	
Ethyl acetate	ND	< 200		1470	1630	µg/g	90.2	60 - 120	
2-Butanol	ND	< 200		1680	1620	µg/g	103.7	60 - 120	
Tetrahydrofuran	ND	< 100		447	500	µg/g	89.4	60 - 120	
Cyclohexane	ND	< 200		1370	1620	µg/g	84.6	60 - 120	
2-methyl-1-propanol	ND	< 500		1630	1620	µg/g	100.6	70 - 130	
Benzene	ND	< 1		4.15	5.32	µg/g	78.0	60 - 120	
Isopropyl Acetate	ND	< 200		1360	1620	µg/g	84.0	60 - 120	
Heptane	ND	< 200		1370	1770	µg/g	77.4	60 - 120	
1-Butanol	ND	< 500		1580	1600	µg/g	98.8	70 - 130	
Propyl Acetate	ND	< 500		1490	1600	µg/g	93.1	70 - 130	
1,4-Dioxane	ND	< 100		416	504	µg/g	82.5	60 - 120	
2-Ethoxyethanol	ND	< 30		149	181	µg/g	82.3	60 - 120	
Methylisobutylketone	ND	< 500		1460	1610	µg/g	90.7	70 - 130	
3-Methyl-1-butanol	ND	< 500		1440	1610	µg/g	89.4	70 - 130	
Ethylene Glycol	ND	< 200		257	494	µg/g	54.0	60 - 120	Q6
Toluene	ND	< 100		382	491	µg/g	77.8	60 - 120	
Isobutyl Acetate	ND	< 500		1660	1600	µg/g	103.8	70 - 130	
1-Pentanol	ND	< 500		1540	1610	µg/g	95.7	70 - 130	
Butyl Acetate	ND	< 500		1290	1610	µg/g	80.1	70 - 130	
Ethylbenzene	ND	< 200		692	973	µg/g	71.1	60 - 120	
m,p-Xylene	ND	< 200		685	996	µg/g	68.8	60 - 120	
o-Xylene	ND	< 200		682	973	µg/g	70.1	60 - 120	
Cumene	ND	< 30		117	170	µg/g	68.8	60 - 120	
Anisole	ND	< 500		1200	1610	µg/g	74.5	70 - 130	
DMSO	ND	< 500		927	1630	µg/g	56.9	70 - 130	Q6
1,2-dimethoxyethane	ND	< 50		160	164	µg/g	97.6	70 - 130	
Triethylamine	ND	< 500		1240	1600	µg/g	77.5	70 - 130	
N,N-dimethylformamide	ND	< 150		450	497	µg/g	90.5	70 - 130	
N,N-dimethylacetamide	ND	< 150		319	498	µg/g	64.1	70 - 130	Q6
Pyridine	ND	< 50		188	180	µg/g	104.4	70 - 130	
1,2-Dichloroethane	ND	< 1		0.709	1	µg/g	70.9	70 - 130	
Chloroform	ND	< 1		0.817	1	µg/g	81.7	70 - 130	
Trichloroethylene	ND	< 1		0.763	1	µg/g	76.3	70 - 130	



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QC - Sample Duplicate			Sample ID: 22-005702-0001					
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	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	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	
MTBE	ND	ND	500	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	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methyl ethyl ketone	ND	ND	500	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	
2-methyl-1-propanol	ND	ND	500	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-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	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	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	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	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	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	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

Units of Measure:

µg/g - Microgram per gram or ppm



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



Report Number: 22-005768/D014.R000
Report Date: 05/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/18/22 10:39





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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.