



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



Report Number: 22-006186/D002.R000
Report Date: 06/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/27/22 11:42

Customer: Nutra Pure LLC
Product identity: CBDPure 750 (2 Units)
Client/Metric ID: Batch 52386
Laboratory ID: 22-006186-0003

Summary

Potency:

Analyte per 0.5ml	Result	Limits	Units	Status	
CBC per 0.5ml [†]	0.796		mg/0.5ml		CBD-Total (%) 4.24 %
CBD per 0.5ml	19.4		mg/0.5ml		
CBD-A per 0.5ml	0.0934		mg/0.5ml		
CBDV per 0.5ml [†]	0.0580		mg/0.5ml		CBD-Total per 0.5ml 19.5 mg/0.5ml
CBG per 0.5ml [†]	0.155		mg/0.5ml		
CBN per 0.5ml	0.0483		mg/0.5ml		
CBT per 0.5ml [†]	0.338		mg/0.5ml		THC-Total (%) 0.173 %
Δ9-THC per 0.5ml	0.796		mg/0.5ml		

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: Nutra Pure LLC
Product identity: CBDPure 750 (2 Units)
Client/Metric ID: Batch 52386
Sample Date:
Laboratory ID: 22-006186-0003
Evidence of Cooling: No
Temp: 20.3 °C
Relinquished by: UPS
Serving Size #1: 0.46 g
Density: 0.9200 g/ml

Sample Results

Potency per 0.5ml					
Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2204668 Analyze: 6/2/22 9:44:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 0.5ml [†]	0.796		mg/0.5ml	0.0149	
CBC-A per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
CBC-Total per 0.5ml [†]	0.796		mg/0.5ml	0.0280	
CBD per 0.5ml	19.4		mg/0.5ml	1.49	
CBD-A per 0.5ml	0.0934		mg/0.5ml	0.0149	
CBD-Total per 0.5ml	19.5		mg/0.5ml	1.51	
CBDV per 0.5ml [†]	0.0580		mg/0.5ml	0.0149	
CBDV-A per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
CBDV-Total per 0.5ml [†]	0.0580		mg/0.5ml	0.0279	
CBE per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
CBG per 0.5ml [†]	0.155		mg/0.5ml	0.0149	
CBG-A per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
CBG-Total per 0.5ml [†]	0.155		mg/0.5ml	0.0279	
CBL per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
CBL-A per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
CBL-Total per 0.5ml [†]	< LOQ		mg/0.5ml	3.37	
CBN per 0.5ml	0.0483		mg/0.5ml	0.0149	
CBT per 0.5ml [†]	0.338		mg/0.5ml	0.0149	
Δ8-THCV per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
Δ8-THC per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
Δ9-THC per 0.5ml	0.796		mg/0.5ml	0.0149	
exo-THC per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
THC-A per 0.5ml	< LOQ		mg/0.5ml	1.79	
THC-Total per 0.5ml	0.796		mg/0.5ml	0.0280	
THCV per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
THCV-A per 0.5ml [†]	< LOQ		mg/0.5ml	1.79	
THCV-Total per 0.5ml [†]	< LOQ		mg/0.5ml	3.37	
Total Cannabinoids per 0.5ml	21.7		mg/0.5ml		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2204578	06/02/22	AOAC 990.12 (Petrifilm)	X	
E.coli	< LOQ		cfu/g	10	2204576	06/02/22	AOAC 991.14 (Petrifilm)	X	
Total Coliforms	< LOQ		cfu/g	10	2204576	06/02/22	AOAC 991.14 (Petrifilm)	X	
Staphylococcus aureus	< LOQ		cfu/g	10	2204580	06/01/22	AOAC 2003.07	X	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2204575	06/03/22	AOAC 2014.05 (RAPID)	X	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2204575	06/03/22	AOAC 2014.05 (RAPID)	X	
E. coli, O157:H7 (by PCR)	Negative		/5g		2204583	06/01/22	AOAC 2019.03	X, I	
Listeria spp.	Negative		/10g		2204584	06/01/22	AOAC 2019.10	X, I	
Salmonella spp. by PCR	Negative		/5g		2204581	06/01/22	AOAC 2020.02	X, I	

Solvents Method Residual Solvents by GC/MS Units µg/g Batch 2204718 Analyze 06/03/22 10:49 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) Units mg/kg Batch 2204731 Analyze 06/03/22 01:17 PM											
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	0.0281	2204705	06/02/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.200	mg/kg	0.0281	2204705	06/02/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.500	mg/kg	0.0281	2204705	06/02/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.100	mg/kg	0.0141	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

g = g

g/ml = Gram per milliliter

µg/g = Microgram per gram

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

mg/0.5ml = Milligram per 0.5ml

/10g = Per 10 grams

/5g = Per 5 grams

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company: Nutra Pure LLC		Analysis Requested										Purchase Order Number:					
Contact: Luis Monge		Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other: MICRO PROFILE X	Tinctures/Softgels Density: .92			Project Number:
Address: 800 NE Tenney Rd, Suite 110-326, Vancouver, WA 98685														Reportable Units: Tinctures: mg/60ml Softgels: mg/1 softgel			Project Name:
Email: Luis@Speedwinds.com														Each softgel is .5 ml			<input type="checkbox"/> Report Instructions:
Phone: 208-869-8687 Fax: 503-259-7393																	<input type="checkbox"/> Send to State - METRC
Processor's License:																	<input checked="" type="checkbox"/> Email Final Results:
					<input type="checkbox"/> Fax Final Results	<input checked="" type="checkbox"/> Cash/Check/CC/Net 30	Other:										
Field ID	Date/Time Collected													Matrix	Weight	Serving size for edibles	Comments/Metric ID
CBDPure 600 (2 Units)		X	X	X						X	X	X		Oil	60 ml	1 gram	Batch 52384
CBDPure 1000 (2 Units)		X	X	X						X	X	X		Oil	60 ml	1 gram	Batch 52385
CBDPure 750 (2 Units)		X	X	X						X	X	X		Oil		.5 grams	Batch 52386

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)				DS	5/27/22	11:42	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 20-30°C
							Shipped Via: UPS
							Evidence of cooling: <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
Revision: 2.00 Control#: CF023 Effective 04/29/2019 Revised 04/29/2019
www.pixislabs.com
www.columbiainfoodlab.com Page 1 of 2

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 prior arrangements have been made.

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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Cannabis Chain of Custody Record

PRICING AND CHARGES

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Food Laboratories, Inc. DBA Pixis Labs (herein referred to as "the LAB", where Columbia Food Laboratories, Inc. & Pixis Labs can be used interchangeably) standard price book unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

DELIVERY AND LIABILITY LIMITATIONS

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required and an additional monthly fee will apply. This price quote is only valid for one year.

CONFIDENTIALITY

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

LIMITATION OF LIABILITY AND WARRANTY

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

PAST DUE ACCOUNTS

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1 1/2% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

EXPERT TESTIMONY AND COURT APPEARANCES

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

APPLICABLE LAW

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws.

Revision: 2.00 Control#: CF023
Effective 04/29/2019 Revised 04/29/2019

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Page 2 of 2



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

PACKAGE RECEIVING FORM

Delivery Date: 5/27/22 Same as Opened By Date Unsure

How was the package delivered?

UPS FEDEX USPS DHL OTHER: _____
Tracking Number: 1Z 9EX 107 02 8680 8099

		CIRCLE ONE	
1) Was package sealed with no evidence of holes/tampering?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Further custody seal/tampering notes: _____			
2) Was packing material used?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
If YES: <input type="checkbox"/> PEANUTS <input type="checkbox"/> BUBBLE <input type="checkbox"/> WRAP <input checked="" type="checkbox"/> FOAM PAPER			
3) Was a Complete Chain of Custody (COC) received?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Comment (PT?, Email?): <u>not heling.</u>			
4) Sample temperature upon arrival?			<u>20.3°C</u>
5) Evidence of cooling?		YES	<input checked="" type="checkbox"/> 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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
7) Did sample containers arrive in good condition?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> 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="checkbox"/> YES	<input type="checkbox"/> NO
9) Do sample labels agree with COC?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> 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): DS Date: 5/27/22 Time: 11:42



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

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2204668

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.0350	0.033	%	105	80.0 - 120	Acceptable	
CBDV	1	0.0362	0.033	%	109	80.0 - 120	Acceptable	
CBE	1	0.0329	0.033	%	98.6	80.0 - 120	Acceptable	
CBDA	1	0.0332	0.033	%	99.7	90.0 - 110	Acceptable	
CBGA	1	0.0321	0.033	%	96.4	80.0 - 120	Acceptable	
CBG	1	0.0317	0.033	%	95.0	80.0 - 120	Acceptable	
CBD	1	0.0339	0.033	%	102	90.0 - 110	Acceptable	
THCV	1	0.0348	0.033	%	104	80.0 - 120	Acceptable	
d8THCV	1	0.0355	0.033	%	107	80.0 - 120	Acceptable	
THCVA	1	0.0333	0.033	%	99.9	80.0 - 120	Acceptable	
CBN	1	0.0348	0.033	%	105	90.0 - 110	Acceptable	
exo-THC	1	0.0333	0.033	%	99.9	80.0 - 120	Acceptable	
d9THC	1	0.0339	0.033	%	102	90.0 - 110	Acceptable	
d8THC	1	0.0324	0.033	%	97.2	80.0 - 120	Acceptable	
CBL	1	0.0343	0.033	%	103	80.0 - 120	Acceptable	
CBC	1	0.0357	0.033	%	107	80.0 - 120	Acceptable	
THCA	1	0.0343	0.033	%	103	90.0 - 110	Acceptable	
CBCA	1	0.0342	0.033	%	103	80.0 - 120	Acceptable	
CBLA	1	0.0341	0.033	%	102	80.0 - 120	Acceptable	
CBT	1	0.0341	0.033	%	102	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



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



Report Number: 22-006186/D002.R000
Report Date: 06/07/2022
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Received: 05/27/22 11:42

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

Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2204668						
Sample Duplicate		Sample ID: 22-003442-0004						
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	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0035	0.0035	0.003	%	0.0768	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 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	0.110	0.109	0.003	%	0.508	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<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	
CBT	<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

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Laboratory Quality Control Results

Residual Solvents				Batch ID: 2204718					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		480	572	µg/g	83.9	60 - 120	
Isobutane	ND	< 200		693	731	µg/g	94.8	60 - 120	
Butane	ND	< 200		669	731	µg/g	91.5	60 - 120	
2,2-Dimethylpropane	ND	< 200		803	936	µg/g	85.8	60 - 120	
Methanol	ND	< 200		1600	1620	µg/g	98.8	60 - 120	
Ethylene Oxide	ND	< 30		56	56.2	µg/g	99.6	60 - 120	
2-Methylbutane	ND	< 200		1720	1620	µg/g	106.2	60 - 120	
Pentane	ND	< 200		1710	1610	µg/g	106.2	60 - 120	
Ethanol	ND	< 200		1720	1630	µg/g	105.5	70 - 130	
Ethyl Ether	ND	< 200		1710	1620	µg/g	105.6	60 - 120	
2,2-Dimethylbutane	ND	< 30		179	174	µg/g	102.9	60 - 120	
Acetone	ND	< 200		1700	1650	µg/g	103.0	60 - 120	
2-Propanol	ND	< 200		1680	1610	µg/g	104.3	60 - 120	
Ethyl Formate	ND	< 500		1570	1600	µg/g	98.1	70 - 130	
Acetonitrile	ND	< 100		496	498	µg/g	99.6	60 - 120	
Methyl Acetate	ND	< 500		1570	1610	µg/g	97.5	70 - 130	
2,3-Dimethylbutane	ND	< 30		185	176	µg/g	105.1	60 - 120	
Dichloromethane	ND	< 60		553	510	µg/g	108.4	60 - 120	
2-Methylpentane	ND	< 30		179	176	µg/g	101.7	60 - 120	
MTBE	ND	< 500		1640	1600	µg/g	102.5	70 - 130	
3-Methylpentane	ND	< 30		180	175	µg/g	102.9	60 - 120	
Hexane	ND	< 30		185	177	µg/g	104.5	60 - 120	
1-Propanol	ND	< 500		1590	1610	µg/g	98.8	70 - 130	
Methylethylketone	ND	< 500		1660	1600	µg/g	103.8	70 - 130	
Ethyl acetate	ND	< 200		1720	1630	µg/g	105.5	60 - 120	
2-Butanol	ND	< 200		1670	1620	µg/g	103.1	60 - 120	
Tetrahydrofuran	ND	< 100		528	500	µg/g	105.6	60 - 120	
Cyclohexane	ND	< 200		1690	1620	µg/g	104.3	60 - 120	
2-methyl-1-propanol	ND	< 500		1500	1620	µg/g	92.6	70 - 130	
Benzene	ND	< 1		5.33	5.32	µg/g	100.2	60 - 120	
Isopropyl Acetate	ND	< 200		1710	1620	µg/g	105.6	60 - 120	
Heptane	ND	< 200		1770	1770	µg/g	100.0	60 - 120	
1-Butanol	ND	< 500		1660	1600	µg/g	103.8	70 - 130	
Propyl Acetate	ND	< 500		1720	1600	µg/g	107.5	70 - 130	
1,4-Dioxane	ND	< 100		532	504	µg/g	101.6	60 - 120	
2-Ethoxyethanol	ND	< 30		171	181	µg/g	94.5	60 - 120	
Methylisobutylketone	ND	< 500		1590	1610	µg/g	98.8	70 - 130	
3-Methyl-1-butanol	ND	< 500		1600	1610	µg/g	99.4	70 - 130	
Ethylene Glycol	ND	< 200		467	494	µg/g	94.5	60 - 120	
Toluene	ND	< 100		508	491	µg/g	103.5	60 - 120	
Isobutyl Acetate	ND	< 500		1730	1600	µg/g	108.1	70 - 130	
1-Pentanol	ND	< 500		1630	1610	µg/g	101.2	70 - 130	
Butyl Acetate	ND	< 500		1530	1610	µg/g	95.0	70 - 130	
Ethylbenzene	ND	< 200		978	973	µg/g	100.5	60 - 120	
m,p-Xylene	ND	< 200		992	996	µg/g	99.6	60 - 120	
o-Xylene	ND	< 200		977	973	µg/g	100.4	60 - 120	
Cumene	ND	< 30		169	170	µg/g	99.4	60 - 120	
Anisole	ND	< 500		1630	1610	µg/g	101.2	70 - 130	
DMSO	ND	< 500		1660	1630	µg/g	101.8	70 - 130	
1,2-dimethoxyethane	ND	< 50		175	164	µg/g	106.7	70 - 130	
Triethylamine	ND	< 500		1470	1600	µg/g	91.9	70 - 130	
N,N-dimethylformamide	ND	< 150		484	497	µg/g	97.4	70 - 130	
N,N-dimethylacetamide	ND	< 150		486	498	µg/g	97.6	70 - 130	
Pyridine	ND	< 50		185	180	µg/g	102.8	70 - 130	
1,2-Dichloroethane	ND	< 1		0.927	1	µg/g	92.7	70 - 130	
Chloroform	ND	< 1		0.934	1	µg/g	93.4	70 - 130	
Trichloroethylene	ND	< 1		0.917	1	µg/g	91.7	70 - 130	



12423 NE Whitaker Way
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 503-254-1794

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QC - Sample Duplicate			Sample ID: 22-006093-0001					
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

Units of Measure:

µg/g - Microgram per gram or ppm



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



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Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID 2204731			
Method Bank	Laboratory Control Sample							
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spk	LCS % Re	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
Acetamiprid	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
Chlorfenapyr	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
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
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
Metaxalyl	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
Oxamyl	0.000	< 0.500		1.831	2.000	91.6	60.0	120
Pacllobutrazole	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
Spirosad	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



12423 NE Whitaker Way
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503-254-1794



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Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662											Units: mg/Kg			Batch ID 2204731	
Matrix Spike/Matrix Spike Duplicate Recoveries					Sample ID: 220062390001										
Analyte	Result	MS Res	MSD Res	Spike	RFD%	Limit	MS % Re	MSD % Re	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						
Acetamiprid	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						
Chlorfenapyr	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					
Fonicamid	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						
Metaxalyl	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						
Pacllobutrazole	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						
Spirosad	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						



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Report Number: 22-006186/D002.R000
Report Date: 06/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/27/22 11:42





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.