PIXIS Labs
A Tentamus Company

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

Job Number:	19-006660
Report Number:	19-006660-000
Report Date:	06/18/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity:	Lavender 1000mg Drops HDTO 1099	**Client/Metrc ID:**	.
Laboratory ID:	19-006660-0001	**Sample Date:**	06/07/19 15:00

Summary

Potency:

Analyte	**Result**	**Limits**	**Units**	**LOQ**
CBD	3.64		%	0.0326

Analyte per 1ml	**Result**	**Limits**	**Units**	**LOQ**
CBD per 1ml	36.5		mg/1ml	0.0334

Analyte per 30ml	**Result**	**Limits**	**Units**	**LOQ**
CBD per 30ml	1010		mg/30ml	1.00

CBD-Total (%)	3.64 %
CBD-Total per 1ml	36.5 mg/1ml
CBD-Total per 30ml	1010 mg/30ml
Delta 9-THC (%)	< 0.187 %

Serving size: 30ml
Servings per container: 30

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Testing in accordance with: OAR 333-007-0430

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Received:	06/10/19 17:30

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Customer: Sentia Wellness
3931 NE Columbia Blvd
Portland Oregon 97211
United States

Product identity: Lavender 1000mg Drops HDTO 1099
Client/Metrc ID: .
Sample Date: 06/07/19 15:00
Laboratory ID: 19-006660-0001
Relinquished by: Erin Harbacek
Temp: 28.6 °C
Serving Size #1: 1.003 g

Sample Results

Potency — Batch: 1905253

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBC-Total†	< LOQ		%	0.188	06/17/19	J AOAC 2015 V98-6	
CBD	3.64		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBD-Total	3.64		%	0.181	06/17/19	J AOAC 2015 V98-6	
CBDV†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBDV-Total†	< LOQ		%	0.187	06/17/19	J AOAC 2015 V98-6	
CBG†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBG-Total†	< LOQ		%	0.188	06/17/19	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.187	06/17/19	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0963	06/12/19	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.187	06/17/19	J AOAC 2015 V98-6	

Testing in accordance with: OAR 333-007-0430

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
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503-254-1794

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Received: 06/10/19 17:30

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Potency per 1ml — Batch: 1905253

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBC-A per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBC-Total per 1ml†	< LOQ		mg/1ml	1.89	06/17/19	J AOAC 2015 V98-6	
CBD per 1ml	36.5		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBD-A per 1ml	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	36.5		mg/1ml	1.89	06/17/19	J AOAC 2015 V98-6	
CBDV per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBDV-A per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml†	< LOQ		mg/1ml	1.88	06/17/19	J AOAC 2015 V98-6	
CBG per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBG-A per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBG-Total per 1ml†	< LOQ		mg/1ml	1.89	06/17/19	J AOAC 2015 V98-6	
CBL per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
CBN per 1ml	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
THC-Total per 1ml	< LOQ		mg/1ml	1.89	06/17/19	J AOAC 2015 V98-6	
THCV per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
THCV-A per 1ml†	< LOQ		mg/1ml	1.00	06/17/19	J AOAC 2015 V98-6	
THCV-Total per 1ml†	< LOQ		mg/1ml	1.88	06/17/19	J AOAC 2015 V98-6	

Potency per 30ml — Batch: 1905253

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBC-A per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBC-Total per 30ml†	< LOQ		mg/30ml	56.6	03/28/19	J AOAC 2015 V98-6	
CBD per 30ml	1010		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBD-A per 30ml	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBD-Total per 30ml	1010		mg/30ml	56.6	03/28/19	J AOAC 2015 V98-6	
CBDV per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBDV-A per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBDV-Total per 30ml†	< LOQ		mg/30ml	56.6	03/28/19	J AOAC 2015 V98-6	
CBG per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBG-A per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBG-Total per 30ml†	< LOQ		mg/30ml	56.6	03/28/19	J AOAC 2015 V98-6	
CBL per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
CBN per 30ml	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
Δ8-THC per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
Δ9-THC per 30ml	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
THC-A per 30ml	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
THC-Total per 30ml	< LOQ		mg/30ml	56.6	03/28/19	J AOAC 2015 V98-6	
THCV per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
THCV-A per 30ml†	< LOQ		mg/30ml	30.0	03/28/19	J AOAC 2015 V98-6	
THCV-Total per 30ml†	< LOQ		mg/30ml	56.6	03/28/19	J AOAC 2015 V98-6	

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

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A Tentamus Company

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Portland, OR 97230
503-254-1794

Job Number: 19-006660
Report Number: 19-006660-000
Report Date: 06/18/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/10/19 17:30

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Solvents **Method** SOPC503 **Units** µg/g **Batch** 1905187 **Analyze** 06/12/19 01:36 PM

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	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< 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	30.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass	
Methylpropane	< 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	< LOQ	2170	600	pass	

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

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Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1905212 **Analyze** 06/12/19 04:54 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	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	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 (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Flonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

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

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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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

g = Gram

µg/g = Microgram per gram

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

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

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

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PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

19-006660

ORELAP ID: OR100028

Company: Cura (Sentia)
Contact: Erin Harbacek
Address:
Email:
Phone: Fax:
Processor's License:

Analysis Requested

Purchase Order Number:
Project Number:
Project Name:

☐ Report Instructions:
☐ Send to State - METRC
☐ Email Final Results:
☐ Fax Final Results
☐ Cash/Check/CC/Net 30
Other:

Field ID	Date/Time Collected		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	Matrix	Weight	Serving size for edibles	Comments/Metrc ID
* Lavender 1000mg Drops HDTO-1079	6/7	3pm	X		X	X												16g
* Lemon Ginger 1000mg Drops HDTO-	6/10	3pm	X		X	X												16g
																		Reported Servings/cont & per Serving please :)

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time
☐Standard (5 day)	Erin Harbacek	6/10/19	5:30		6-10-19	17:30
☒Rush (3-4 day) (1.5x Standard)						
☐Priority Rush (2 day) (2x Standard)						

Lab Use Only:
Client Alias:
Order Number:
Proper Container
Sample Condition
Temperature: 25.6
Shipped Via: client
Evidence of cooling: ☐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: 1.03 Control#: CF023
Effective 03/06/2019 Revised 03/06/2019

www.pixislabs.com
www.columbiafoodlab.com

Page 1 of 2

JV 6-11-19
Ø Ø client is aware that we can not Rush samples Ø JV 6-10

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

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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

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 15 days. 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 after initial quote date.

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.

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

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Purchase Order:
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Laboratory Quality Control Results

EPA 5021 **Batch ID:** 1905187

Method Blank					Laboratory Control Sample							
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Limits			Notes
Propane	ND	<	200		2580	2750	µg/g	93.8	70	-	130	
Isobutane	ND	<	200		2940	3570	µg/g	82.4	70	-	130	
Butane	ND	<	200		2990	3570	µg/g	83.8	70	-	130	
2,2-dimethylpropane	ND	<	200		3980	4500	µg/g	88.4	70	-	130	
Methanol	ND	<	200		2340	2390	µg/g	97.9	70	-	130	
Ethylene Oxide	ND	<	30		244	277	µg/g	88.1	70	-	130	
2-Methylbutane	ND	<	200		2330	2430	µg/g	95.9	70	-	130	
n-Pentane	ND	<	200		2270	2380	µg/g	95.4	70	-	130	
Ethanol	ND	<	200		2270	2400	µg/g	94.6	70	-	130	
Ethyl Ether	ND	<	200		2200	2430	µg/g	90.5	70	-	130	
2,2-Dimethylbutane	ND	<	30		594	620	µg/g	95.8	70	-	130	
Acetone	ND	<	200		2230	2380	µg/g	93.7	70	-	130	
Isopropyl alcohol	ND	<	200		2320	2380	µg/g	97.5	70	-	130	
Acetonitrile	ND	<	100		880	919	µg/g	95.8	70	-	130	
2,3-Dimethylbutane	ND	<	30		293	303	µg/g	96.7	70	-	130	
Dichloromethane	ND	<	200		854	948	µg/g	90.1	70	-	130	
2-Methylpentane	ND	<	30		273	293	µg/g	93.2	70	-	130	
3-Methylpentane	ND	<	30		290	314	µg/g	92.4	70	-	130	
Hexane	ND	<	30		269	297	µg/g	90.6	70	-	130	
Ethyl acetate	ND	<	200		2170	2370	µg/g	91.6	70	-	130	
2-Butanol	ND	<	200		2210	2410	µg/g	91.7	70	-	130	
Tetrahydrofuran	ND	<	100		825	943	µg/g	87.5	70	-	130	
Cyclohexane	ND	<	200		2130	2370	µg/g	89.9	70	-	130	
Benzene	ND	<	1		34	38.4	µg/g	88.5	70	-	130	
Isopropyl Acetate	ND	<	200		2140	2420	µg/g	88.4	70	-	130	
Heptane	ND	<	200		2170	2380	µg/g	91.2	70	-	130	
1,4-Dioxane	ND	<	100		797	933	µg/g	85.4	70	-	130	
2-Ethoxyethanol	ND	<	30		2100	2370	µg/g	88.6	70	-	130	
Ethylene Glycol	ND	<	200		915	934	µg/g	98.0	70	-	130	
Toluene	ND	<	200		782	937	µg/g	83.5	70	-	130	
Ethylbenzene	ND	<	200		1570	1920	µg/g	81.8	70	-	130	
m,p-Xylene	ND	<	200		1550	1880	µg/g	82.4	70	-	130	
o-Xylene	ND	<	200		1510	1910	µg/g	79.1	70	-	130	
Cumene	ND	<	30		283	368	µg/g	76.9	70	-	130	

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

PIXIS Labs
A Tentamus Company

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

Job Number: 19-006660
Report Number: 19-006660-000
Report Date: 06/18/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

QC - Sample Duplicate **Sample ID: 19-006469-0001**

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	
n-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	
Isopropyl alcohol	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	200	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	200	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
* Screening only
Q1 Quality Control result biased high. Only non detect samples reported.

Units of Measure:

µg/g- Microgram per gram or ppm
mg/Kg - Milligrams per Kilogram
Aw- Water Activity unit

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

PIXIS Labs
A Tentamus Company

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

Job Number: 19-006660
Report Number: 19-006660-000
Report Date: 06/18/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Revision: 0.01 Control: CFL-C22
Revised: 12/4/2018 Effective: 12/4/2018

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 | Units: mg/Kg | Batch ID: 1905212

Method Blank				Laboratory Control Sample				
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	ND	< 0.200		1.150	1.000	115.0	70 - 130	
Acequinocyl	ND	< 1.000		3.940	4.000	98.5	70 - 130	
Acetamiprid	ND	< 0.100		0.462	0.400	115.5	70 - 130	
Aldicarb	ND	< 0.200		0.934	0.800	116.8	70 - 130	
Abamectin	ND	< 0.288		1.190	1.000	119.0	70 - 130	
Azoxystrobin	ND	< 0.100		0.487	0.400	121.8	70 - 130	
Bifenazate	ND	< 0.100		0.487	0.400	121.8	70 - 130	
Bifenthrin	ND	< 0.100		0.437	0.400	109.3	70 - 130	
Boscalid	ND	< 0.100		0.947	0.800	118.4	70 - 130	
Carbaryl	ND	< 0.100		0.479	0.400	119.8	70 - 130	
Carbofuran	ND	< 0.100		0.509	0.400	127.3	70 - 130	
Chlorantraniliprol	ND	< 0.100		0.479	0.400	119.8	70 - 130	
Chlorfenapyr	ND	< 1.000		2.410	2.000	120.5	70 - 130	
Chlorpyrifos	ND	< 0.100		0.515	0.400	128.8	70 - 130	
Clofentezine	ND	< 0.100		0.506	0.400	126.5	70 - 130	
Cyfluthrin	ND	< 1.000		2.140	2.000	107.0	30 - 150	
Cypermethrin	ND	< 1.000		2.400	2.000	120.0	70 - 130	
Daminozide	ND	< 1.000		2.320	2.000	116.0	30 - 150	
Diazinon	ND	< 0.100		0.477	0.400	119.3	70 - 130	
Dichlorvos	ND	< 0.500		2.110	2.000	105.5	70 - 130	
Dimethoat	ND	< 0.100		0.466	0.400	116.5	70 - 130	
Ethoprophos	ND	< 0.100		0.486	0.400	121.5	70 - 130	
Etofenprox	ND	< 0.100		1.035	0.800	129.4	70 - 130	
Etoxazol	ND	< 0.100		0.477	0.400	119.3	70 - 130	
Fenoxycarb	ND	< 0.100		0.482	0.400	120.5	70 - 130	
Fenpyroximat	ND	< 0.100		0.989	0.800	123.6	70 - 130	
Fipronil	ND	< 0.100		0.959	0.800	119.9	70 - 130	
Flonicamid	ND	< 0.400		0.891	1.000	89.1	70 - 130	
Fludioxonil	ND	< 0.100		0.989	0.800	123.6	70 - 130	
Hexythiazox	ND	< 0.400		1.270	1.000	127.0	70 - 130	
Imazalil	ND	< 0.100		0.488	0.400	122.0	70 - 130	
Imidacloprid	ND	< 0.200		0.930	0.800	116.3	70 - 130	
Kresoxim-Methyl	ND	< 0.100		1.020	0.800	127.5	70 - 130	
Malathion	ND	< 0.100		0.502	0.400	125.5	70 - 130	
Metalaxyl	ND	< 0.100		0.485	0.400	121.3	70 - 130	
Methiocarb	ND	< 0.100		0.491	0.400	122.8	70 - 130	
Methomyl	ND	< 0.200		0.833	0.800	104.1	70 - 130	
MGK 264	ND	< 0.100		0.513	0.400	128.3	70 - 130	
Myclobutanil	ND	< 0.100		0.445	0.400	111.3	70 - 130	
Naled	ND	< 0.200		1.170	1.000	117.0	70 - 130	
Oxamyl	ND	< 0.400		2.100	2.000	105.0	70 - 130	
Paclobutrazol	ND	< 0.200		0.998	0.800	124.8	70 - 130	
Parathion Methyl	ND	< 0.200		0.854	0.800	106.8	30 - 150	
Permethrin	ND	< 0.100		0.494	0.400	123.5	70 - 130	
Phosmet	ND	< 0.100		0.480	0.400	120.0	70 - 130	
Piperonyl butoxide	ND	< 1.000		2.830	2.000	***141.5***	70 - 130	Q1
Prallethrin	ND	< 0.200		0.254	0.200	127.0	70 - 130	
Propiconazole	ND	< 0.200		0.961	0.800	120.1	70 - 130	
Propoxur	ND	< 0.100		0.485	0.400	121.3	70 - 130	
Pyrethrins	ND	< 0.500		0.368	0.284	129.6	70 - 130	
Pyridaben	ND	< 0.100		0.606	0.400	***151.5***	70 - 130	Q1
Spinosad	ND	< 0.100		0.531	0.388	***136.9***	70 - 130	Q1
Spiromesifen	ND	< 0.100		0.514	0.400	128.5	70 - 130	
Spirotetramat	ND	< 0.100		0.468	0.400	117.0	70 - 130	
Spiroxamine	ND	< 0.100		1.032	0.800	129.0	70 - 130	
Tebuconazol	ND	< 0.200		0.942	0.800	117.8	70 - 130	
Thiacloprid	ND	< 0.100		0.471	0.400	117.8	70 - 130	
Thiamethoxam	ND	< 0.100		0.433	0.400	108.3	70 - 130	
Trifloxystrobin	ND	< 0.100		0.503	0.400	125.8	70 - 130	

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

PIXIS Labs
A Tentamus Company

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

Job Number: 19-006660
Report Number: 19-006660-000
Report Date: 06/18/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Revision: 0.01 Control: CFL-C22
Revised: 12/4/2018 Effective: 12/4/2018

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 | Units: mg/Kg | Batch ID: 1905212

Matrix Spike/Matrix Spike Duplicate Recoveries | Sample ID: 19-006494-0017

Analyte	Result	MS Res	MSD Res	Spike	RPD%		MS % Rec	MSD % Rec	Limits	Notes
Acephate	0.000	1.430	1.330	1.000	7.2	< 30	143.0	133.0	50 - 150	
Acequinocyl	0.378	7.080	6.650	4.000	6.3	< 30	***167.6***	***156.8***	50 - 150	Q1
Acetamiprid	0.000	0.435	0.424	0.400	2.6	< 30	108.8	106.0	50 - 150	
Aldicarb	0.000	0.950	0.904	0.800	5.0	< 30	118.8	113.0	50 - 150	
Abamectin	0.000	1.120	1.060	1.000	5.5	< 30	112.0	106.0	50 - 150	
Azoxystrobin	0.000	0.510	0.510	0.400	0.0	< 30	127.5	127.5	50 - 150	
Bifenazate	0.000	0.489	0.469	0.400	4.2	< 30	122.3	117.3	50 - 150	
Bifenthrin	0.000	0.564	0.523	0.400	7.5	< 30	141.0	130.8	50 - 150	
Boscalid	0.000	0.950	0.972	0.800	2.3	< 30	118.8	121.5	50 - 150	
Carbaryl	0.000	0.465	0.453	0.400	2.6	< 30	116.3	113.3	50 - 150	
Carbofuran	0.000	0.482	0.496	0.400	2.9	< 30	120.5	124.0	50 - 150	
Chlorantraniliprol	0.000	0.504	0.476	0.400	5.7	< 30	126.0	119.0	50 - 150	
Chlorfenapyr	0.000	3.110	3.140	2.000	1.0	< 30	***155.5***	***157.0***	50 - 150	Q1
Chlorpyrifos	0.000	0.639	0.629	0.400	1.6	< 30	***159.8***	***157.3***	50 - 150	Q1
Clofentezine	0.014	0.499	0.486	0.400	2.6	< 30	121.4	118.1	50 - 150	
Cyfluthrin	0.000	2.690	2.730	2.000	1.5	< 30	134.5	136.5	30 - 150	
Cypermethrin	0.000	2.700	2.540	2.000	6.1	< 30	135.0	127.0	50 - 150	
Daminozide	0.000	2.260	2.260	2.000	0.0	< 30	113.0	113.0	30 - 150	
Diazinon	0.000	0.488	0.464	0.400	5.0	< 30	122.0	116.0	50 - 150	
Dichlorvos	0.000	2.060	2.210	2.000	7.0	< 30	103.0	110.5	50 - 150	
Dimethoat	0.000	0.453	0.444	0.400	2.0	< 30	113.3	111.0	50 - 150	
Ethoprophos	0.000	0.507	0.495	0.400	2.4	< 30	126.8	123.8	50 - 150	
Etofenprox	0.016	1.200	1.180	0.800	1.7	< 30	148.1	145.6	50 - 150	
Etoxazol	0.000	0.535	0.515	0.400	3.8	< 30	133.8	128.8	50 - 150	
Fenoxycarb	0.000	0.466	0.470	0.400	0.9	< 30	116.5	117.5	50 - 150	
Fenpyroximat	0.000	1.280	1.210	0.800	5.6	< 30	***160.0***	***151.3***	50 - 150	Q1
Fipronil	0.000	0.925	0.909	0.800	1.7	< 30	115.6	113.6	50 - 150	
Flonicamid	0.000	0.986	0.971	1.000	1.5	< 30	98.6	97.1	50 - 150	
Fludioxonil	0.000	0.954	1.010	0.800	5.7	< 30	119.3	126.3	50 - 150	
Hexythiazox	0.034	1.920	1.880	1.000	2.1	< 30	***188.6***	***184.6***	50 - 150	Q1
Imazalil	0.000	0.509	0.497	0.400	2.4	< 30	127.3	124.3	50 - 150	
Imidacloprid	0.229	1.030	1.000	0.800	3.0	< 30	100.1	96.4	50 - 150	
Kresoxim-Methyl	0.000	1.080	1.070	0.800	0.9	< 30	135.0	133.8	50 - 150	
Malathion	0.000	0.482	0.470	0.400	2.5	< 30	120.5	117.5	50 - 150	
Metalaxyl	0.011	0.474	0.483	0.400	1.9	< 30	115.8	118.1	50 - 150	
Methiocarb	0.013	0.483	0.484	0.400	0.2	< 30	117.5	117.8	50 - 150	
Methomyl	0.000	0.892	0.841	0.800	5.9	< 30	111.5	105.1	50 - 150	
MGK 264	0.000	0.548	0.507	0.400	7.8	< 30	137.0	126.8	50 - 150	
Myclobutanil	0.000	0.443	0.471	0.400	6.1	< 30	110.8	117.8	50 - 150	
Naled	0.000	0.992	0.910	1.000	8.6	< 30	99.2	91.0	50 - 150	
Oxamyl	0.000	2.200	2.280	2.000	3.6	< 30	110.0	114.0	50 - 150	
Paclobutrazol	0.000	0.921	0.896	0.800	2.8	< 30	115.1	112.0	50 - 150	
Parathion Methyl	0.000	0.894	0.920	0.800	2.9	< 30	111.8	115.0	30 - 150	
Permethrin	0.000	0.476	0.457	0.400	4.1	< 30	119.0	114.3	50 - 150	
Phosmet	0.000	0.466	0.453	0.400	2.8	< 30	116.5	113.3	50 - 150	
Piperonyl butoxide	0.000	3.480	3.500	2.000	0.6	< 30	***174.0***	***175.0***	50 - 150	Q1
Prallethrin	0.000	0.290	0.288	0.200	0.7	< 30	145.0	144.0	50 - 150	
Propiconazole	0.031	0.982	0.945	0.800	3.8	< 30	118.8	114.2	50 - 150	
Propoxur	0.000	0.470	0.478	0.400	1.7	< 30	117.5	119.5	50 - 150	
Pyrethrins	0.015	0.414	0.421	0.284	1.7	< 30	140.7	143.1	50 - 150	
Pyridaben	0.000	0.644	0.617	0.400	4.3	< 30	***161.0***	***154.3***	50 - 150	Q1
Spinosad	0.000	0.562	0.551	0.388	2.0	< 30	144.8	142.0	50 - 150	
Spiromesifen	0.000	0.567	0.567	0.400	0.0	< 30	141.8	141.8	50 - 150	
Spirotetramat	0.000	0.450	0.436	0.400	3.2	< 30	112.5	109.0	50 - 150	
Spiroxamine	0.000	1.030	0.989	0.800	4.1	< 30	128.8	123.6	50 - 150	
Tebuconazol	0.000	0.929	0.899	0.800	3.3	< 30	116.1	112.4	50 - 150	
Thiacloprid	0.000	0.452	0.440	0.400	2.7	< 30	113.0	110.0	50 - 150	
Thiamethoxam	0.000	0.421	0.420	0.400	0.2	< 30	105.3	105.0	50 - 150	
Trifloxystrobin	0.000	0.557	0.544	0.400	1.6	< 30	139.3	136.0	50 - 150	

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

PIXIS Labs
A Tentamus Company

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

Job Number:	19-006660
Report Number:	19-006660-000
Report Date:	06/18/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 1905253**

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.209		0.2	%	105	85 - 115	Acceptable	
CBDV	0.212		0.2	%	106	85 - 115	Acceptable	
CBD-A	0.192		0.2	%	96.0	85 - 115	Acceptable	
CBG-A	0.199		0.2	%	99.5	85 - 115	Acceptable	
CBG	0.213		0.2	%	107	85 - 115	Acceptable	
CBD	0.214		0.2	%	107	85 - 115	Acceptable	
THCV	0.202		0.2	%	101	85 - 115	Acceptable	
THCVA	0.190		0.2	%	95.0	85 - 115	Acceptable	
CBN	0.207		0.2	%	104	85 - 115	Acceptable	
THC	0.195		0.2	%	97.5	85 - 115	Acceptable	
D8THC	0.198		0.2	%	99.0	85 - 115	Acceptable	
CBL	0.192		0.2	%	96.0	85 - 115	Acceptable	
CBC	0.213		0.2	%	107	85 - 115	Acceptable	
THCA	0.197		0.2	%	98.5	85 - 115	Acceptable	
CBCA	0.198		0.2	%	99.0	85 - 115	Acceptable	

Method Blank

Analyte	Result		LOQ	Units		Limits	Evaluation	Notes
CBDV-A	ND		0.1	%		< 0.1	Acceptable	
CBDV	ND		0.1	%		< 0.1	Acceptable	
CBD-A	ND		0.1	%		< 0.1	Acceptable	
CBG-A	ND		0.1	%		< 0.1	Acceptable	
CBG	ND		0.1	%		< 0.1	Acceptable	
CBD	ND		0.1	%		< 0.1	Acceptable	
THCV	ND		0.1	%		< 0.1	Acceptable	
THCVA	ND		0.1	%		< 0.1	Acceptable	
CBN	ND		0.1	%		< 0.1	Acceptable	
THC	ND		0.1	%		< 0.1	Acceptable	
D8THC	ND		0.1	%		< 0.1	Acceptable	
CBL	ND		0.1	%		< 0.1	Acceptable	
CBC	ND		0.1	%		< 0.1	Acceptable	
THCA	ND		0.1	%		< 0.1	Acceptable	
CBCA	ND		0.1	%		< 0.1	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent

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

PIXIS Labs
A Tentamus Company

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

Job Number: 19-006660
Report Number: 19-006660-000
Report Date: 06/18/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

J AOAC 2015 V98-6					Batch ID: 1905253			
Sample Duplicate					Sample ID: **19-006553-0003**			
Analyte	**Result**	**Org. Result**	**LOQ**	**Units**	**RPD**	**Limits**	**Evaluation**	**Notes**
CBDV-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBDV	0.309	0.323	0.1	%	4.43	< 20	Acceptable	
CBD-A	4.12	4.50	0.1	%	8.82	< 20	Acceptable	
CBG-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG	1.01	1.11	0.1	%	9.43	< 20	Acceptable	
CBD	53.2	50.7	0.1	%	4.81	< 20	Acceptable	
THCV	ND	ND	0.1	%	0	< 20	Acceptable	
THCVA	ND	ND	0.1	%	0	< 20	Acceptable	
CBN	ND	ND	0.1	%	0	< 20	Acceptable	
THC	2.09	2.32	0.1	%	10.4	< 20	Acceptable	
D8THC	ND	ND	0.1	%	0	< 20	Acceptable	
CBL	ND	ND	0.1	%	0	< 20	Acceptable	
CBC	2.90	3.17	0.1	%	8.90	< 20	Acceptable	
THCA	ND	ND	0.1	%	0	< 20	Acceptable	
CBCA	ND	0.135	0.1	%	29.8	< 20	Acceptable	R2

Abbreviations

R2- Sample replicates RPD non-calculable, as only one replicate is within analytical range.
ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent

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

PIXIS Labs
A Tentamus Company

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

Job Number:	19-006660
Report Number:	19-006660-000
Report Date:	06/18/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/10/19 17:30

This report cannot be used for ODA, OHA or OLCC compliance requirements.

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	Quantitaion 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.

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