PIXIS Labs
A Tentamus Company

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

Job Number:	19-009554
Report Number:	19-009554-00
Report Date:	08/16/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	08/09/19 16:40

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

Product identity:	HDTO-1210 Lemon Ginger 1000mg	**Client/Metrc ID:**	.
Laboratory ID:	19-009554-0008	**Sample Date:**	08/09/19 13:00

Summary

Potency:

Analyte	Result	Limits	Units	LOQ
CBD	3.40		%	0.10
Analyte per 1ml	**Result**	**Limits**	**Units**	**LOQ**
CBD per 1ml	34.1		mg/1ml	1.00
Analyte per 30ml	**Result**	**Limits**	**Units**	**LOQ**
CBD per 30ml	1020		mg/30ml	30.1

CBD-Total (%)	3.40 %
CBD-Total per 1ml	34.1 mg/1ml
CBD-Total per 30ml	1020 mg/30ml
THC-Total (%)	< LOQ

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:	08/09/19 16:40

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

Customer:	Sentia Wellness 3931 NE Columbia Blvd Portland Oregon 97211 United States
Product identity:	HDTO-1210 Lemon Ginger 1000mg
Client/Metrc ID:	.
Sample Date:	08/09/19 13:00
Laboratory ID:	19-009554-0008
Relinquished by:	Sentia Wellness - see Chain of C
Temp:	24.4 °C
Serving Size #1:	1.003 g

Sample Results

Potency — Batch: 1907356

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBC-Total†	< LOQ		%	0.175	08/15/19	J AOAC 2015 V98-6	
CBD	3.40		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBD-Total	3.40		%	0.175	08/15/19	J AOAC 2015 V98-6	
CBDV†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBDV-Total†	< LOQ		%	0.174	08/15/19	J AOAC 2015 V98-6	
CBG†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBG-Total†	< LOQ		%	0.174	08/15/19	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.175	08/15/19	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0934	08/13/19	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.174	08/15/19	J AOAC 2015 V98-6	

Testing in accordance with: OAR 333-007-0430

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A Tentamus Company

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Received: 08/09/19 16:40

Potency per 1ml — Batch: 1907356

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBC-A per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBC-Total per 1ml†	< LOQ		mg/1ml	1.88	08/15/19	J AOAC 2015 V98-6	
CBD per 1ml	34.1		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBD-A per 1ml	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	34.1		mg/1ml	1.88	08/15/19	J AOAC 2015 V98-6	
CBDV per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBDV-A per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml†	< LOQ		mg/1ml	1.88	08/15/19	J AOAC 2015 V98-6	
CBG per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBG-A per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBG-Total per 1ml†	< LOQ		mg/1ml	1.88	08/15/19	J AOAC 2015 V98-6	
CBL per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
CBN per 1ml	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
THC-Total per 1ml	< LOQ		mg/1ml	1.88	08/15/19	J AOAC 2015 V98-6	
THCV per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
THCV-A per 1ml†	< LOQ		mg/1ml	1.00	08/13/19	J AOAC 2015 V98-6	
THCV-Total per 1ml†	< LOQ		mg/1ml	1.88	08/15/19	J AOAC 2015 V98-6	

Potency per 30ml — Batch: 1907356

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBC-A per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBC-Total per 30ml†	< LOQ		mg/30ml	56.6	08/15/19	J AOAC 2015 V98-6	
CBD per 30ml	1020		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBD-A per 30ml	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBD-Total per 30ml	1020		mg/30ml	56.6	08/15/19	J AOAC 2015 V98-6	
CBDV per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBDV-A per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBDV-Total per 30ml†	< LOQ		mg/30ml	56.6	08/15/19	J AOAC 2015 V98-6	
CBG per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBG-A per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBG-Total per 30ml†	< LOQ		mg/30ml	56.6	08/15/19	J AOAC 2015 V98-6	
CBL per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
CBN per 30ml	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
Δ8-THC per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
Δ9-THC per 30ml	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
THC-A per 30ml	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
THC-Total per 30ml	< LOQ		mg/30ml	56.6	08/15/19	J AOAC 2015 V98-6	
THCV per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
THCV-A per 30ml†	< LOQ		mg/30ml	30.1	08/13/19	J AOAC 2015 V98-6	
THCV-Total per 30ml†	< LOQ		mg/30ml	56.6	08/15/19	J AOAC 2015 V98-6	

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Purchase Order:
Received: 08/09/19 16:40

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Solvents **Method** EPA5021A **Units** µg/g **Batch** 1907239 **Analyze** 08/12/19 03:57 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** 1907277 **Analyze** 08/13/19 07:38 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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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

19-009554

PIXIS Labs
Member of Tentamus
ORELAP ID: OR100028

Company: Sentia Wellness
Contact: Erin Harbecek
Address:
Email:
Phone: Fax:
Processor's License:

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	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Microbiology	Metals	Matrix	Weight	Comments	Cont #'s
Select CBD Foot Cream G908	8.9.19	1	X	X	X								Customer facing panel	
HDTO-1231 Unflavored 750mg	8.9.19	1	X	X	X								"	
HDTO-1232 Unflavored 1500mg	8.9.19	1	X	X	X								"	
HDTO-1233 Meyer Lemon 750mg	8.9.19	1	X	X	X								"	
HDTO-1234 Meyer Lemon 1500mg	8.9.19	1	X	X	X								"	
HDTO-1235 Vanilla Mint 1500mg	8.9.19	1	X	X	X								"	
HDTO-1236 Pomegranate Tea 1500mg	8.9.19	1	X	X	X								"	
IR HDTO-~~1209~~ Lemon Ginger 1000 mg			X	X	X								"	
~~HDTO~~ 1210														
HDTO-1209 Peppermint 1000 mg			X	X	X								"	

Collected By:	Relinquished By:	Date	Time	Received By:	Date	Time
☐ Standard 5 day		8/9	4:40		8-9-19	16:40
☐ Rush (1.5 x Standard)						
☒ Priority Rush (2 x Standard)						
Ask About Availability *emailed 8.12.19						

Labs Use Only:
Client Alias: ___-___-___-___
Order Number: ___-___-___-___
☑ Proper Container
☑ Sample Condition
☑ Temperature 24.4
☐ Shipped Via: client
Evidence of cooling: ☐Yes ☑ 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: 1.01 Control#: CF001 Effective date: 09/21/2016 www.pixislabs.com Page 1 of 1

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Laboratory Quality Control Results

EPA 5021 **Batch ID:** 1907239

Method Blank					Laboratory Control Sample							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		1050	1200	µg/g	87.5	70	-	130	
Isobutane	ND	<	200		1560	1570	µg/g	99.4	70	-	130	
Butane	ND	<	200		1610	1570	µg/g	102.5	70	-	130	
2,2-dimethylpropane	ND	<	200		2050	1980	µg/g	103.5	70	-	130	
Methanol	ND	<	200		2350	2390	µg/g	98.3	70	-	130	
Ethylene Oxide	ND	<	30		121	119	µg/g	101.7	70	-	130	
2-Methylbutane	ND	<	200		1900	2430	µg/g	78.2	70	-	130	
n-Pentane	ND	<	200		2070	2380	µg/g	87.0	70	-	130	
Ethanol	ND	<	200		2580	2400	µg/g	107.5	70	-	130	
Ethyl Ether	ND	<	200		2380	2430	µg/g	97.9	70	-	130	
2,2-Dimethylbutane	ND	<	30		604	620	µg/g	97.4	70	-	130	
Acetone	ND	<	200		2340	2380	µg/g	98.3	70	-	130	
Isopropyl alcohol	ND	<	200		2590	2380	µg/g	108.8	70	-	130	
Ethyl Formate	ND	<	500		3320	3050	µg/g	108.9	70	-	130	
Acetonitrile	ND	<	100		882	919	µg/g	96.0	70	-	130	
Methyl Acetate	ND	<	500		3160	3070	µg/g	102.9	70	-	130	
2,3-Dimethylbutane	ND	<	30		262	303	µg/g	86.5	70	-	130	
Dichloromethane	ND	<	200		991	948	µg/g	104.5	70	-	130	
2-Methylpentane	ND	<	30		252	293	µg/g	86.0	70	-	130	
MTBE	ND	<	500		3180	3050	µg/g	104.3	70	-	130	
3-Methylpentane	ND	<	30		306	314	µg/g	97.5	70	-	130	
Hexane	ND	<	30		280	297	µg/g	94.3	70	-	130	
1-Propanol	ND	<	500		2960	2940	µg/g	100.7	70	-	130	
Methylethylketone	ND	<	500		3090	3000	µg/g	103.0	70	-	130	
Ethyl acetate	ND	<	200		2410	2370	µg/g	101.7	70	-	130	
2-Butanol	ND	<	200		2630	2410	µg/g	109.1	70	-	130	
Tetrahydrofuran	ND	<	100		1030	943	µg/g	109.2	70	-	130	
Cyclohexane	ND	<	200		2540	2370	µg/g	107.2	70	-	130	
2-methyl-1-propanol	ND	<	500		3130	3000	µg/g	104.3	70	-	130	
Benzene	ND	<	1		33.9	38.4	µg/g	88.3	70	-	130	
Isopropyl Acetate	ND	<	200		2540	2420	µg/g	105.0	70	-	130	
Heptane	ND	<	200		2490	2380	µg/g	104.6	70	-	130	
1-Butanol	ND	<	500		3200	2960	µg/g	108.1	70	-	130	
Propyl Acetate	ND	<	500		3170	3090	µg/g	102.6	70	-	130	
1,4-Dioxane	ND	<	100		1070	933	µg/g	114.7	70	-	130	
2-Ethoxyethanol	ND	<	30		2920	2370	µg/g	123.2	70	-	130	
Methylisobutylketone	ND	<	500		3210	3080	µg/g	104.2	70	-	130	
3-Methyl-1-butanol	ND	<	500		3110	3000	µg/g	103.7	70	-	130	
Ethylene Glycol	ND	<	200		976	934	µg/g	104.5	70	-	130	
Toluene	ND	<	200		1060	937	µg/g	113.1	70	-	130	
Isobutyl Acetate	ND	<	500		3140	3060	µg/g	102.6	70	-	130	
1-Pentanol	ND	<	500		3280	3060	µg/g	107.2	70	-	130	
Butyl Acetate	ND	<	500		3550	3440	µg/g	103.2	70	-	130	
Ethylbenzene	ND	<	200		1770	1920	µg/g	92.2	70	-	130	
m,p-Xylene	ND	<	200		2130	1880	µg/g	113.3	70	-	130	
o-Xylene	ND	<	200		2140	1910	µg/g	112.0	70	-	130	
Cumene	ND	<	30		434	368	µg/g	117.9	70	-	130	
Anisole	ND	<	500		3480	3060	µg/g	113.7	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: 19-009554
Report Number: 19-009554-00
Report Date: 08/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/09/19 16:40

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

QC - Sample Duplicate **Sample ID: 19-009232-0005**

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	
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	200	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	
Methylethylketone	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	200	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	

Abbreviations

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

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: 19-009554
Report Number: 19-009554-00
Report Date: 08/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/09/19 16:40

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: 1907277

Method Blank				Laboratory Control Sample				
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	ND	< 0.200		1.030	1.000	103.0	70 - 130	
Acequinocyl	ND	< 1.000		4.320	4.000	108.0	70 - 130	
Acetamiprid	ND	< 0.100		0.432	0.400	108.0	70 - 130	
Aldicarb	ND	< 0.200		0.834	0.800	104.3	70 - 130	
Abamectin	ND	< 0.288		1.070	1.000	107.0	70 - 130	
Azoxystrobin	ND	< 0.100		0.455	0.400	113.8	70 - 130	
Bifenazate	ND	< 0.100		0.442	0.400	110.5	70 - 130	
Bifenthrin	ND	< 0.100		0.416	0.400	104.0	70 - 130	
Boscalid	ND	< 0.100		0.864	0.800	108.0	70 - 130	
Carbaryl	ND	< 0.100		0.430	0.400	107.5	70 - 130	
Carbofuran	ND	< 0.100		0.455	0.400	113.8	70 - 130	
Chlorantraniliprol	ND	< 0.100		0.324	0.400	81.0	70 - 130	
Chlorfenapyr	ND	< 1.000		2.020	2.000	101.0	70 - 130	
Chlorpyrifos	ND	< 0.100		0.412	0.400	103.0	70 - 130	
Clofentezine	ND	< 0.100		0.404	0.400	101.0	70 - 130	
Cyfluthrin	ND	< 1.000		2.010	2.000	100.5	30 - 150	
Cypermethrin	ND	< 1.000		2.140	2.000	107.0	70 - 130	
Daminozide	ND	< 1.000		2.070	2.000	103.5	30 - 150	
Diazinon	ND	< 0.100		0.441	0.400	110.3	70 - 130	
Dichlorvos	ND	< 0.500		2.060	2.000	103.0	70 - 130	
Dimethoat	ND	< 0.100		0.429	0.400	107.3	70 - 130	
Ethoprophos	ND	< 0.100		0.430	0.400	107.5	70 - 130	
Etofenprox	ND	< 0.100		0.897	0.800	112.1	70 - 130	
Etoxazol	ND	< 0.100		0.448	0.400	112.0	70 - 130	
Fenoxycarb	ND	< 0.100		0.433	0.400	108.3	70 - 130	
Fenpyroximat	ND	< 0.100		0.915	0.800	114.4	70 - 130	
Fipronil	ND	< 0.100		0.884	0.800	110.5	70 - 130	
Flonicamid	ND	< 0.400		1.070	1.000	107.0	70 - 130	
Fludioxonil	ND	< 0.100		0.826	0.800	103.3	70 - 130	
Hexythiazox	ND	< 0.400		1.080	1.000	108.0	70 - 130	
Imazalil	ND	< 0.100		0.447	0.400	111.8	70 - 130	
Imidacloprid	ND	< 0.200		0.907	0.800	113.4	70 - 130	
Kresoxim-Methyl	ND	< 0.100		0.818	0.800	102.3	70 - 130	
Malathion	ND	< 0.100		0.422	0.400	105.5	70 - 130	
Metalaxyl	ND	< 0.100		0.428	0.400	107.0	70 - 130	
Methiocarb	ND	< 0.100		0.457	0.400	114.3	70 - 130	
Methomyl	ND	< 0.200		0.930	0.800	116.3	70 - 130	
MGK 264	ND	< 0.100		0.421	0.400	105.3	70 - 130	
Myclobutanil	ND	< 0.100		0.444	0.400	111.0	70 - 130	
Naled	ND	< 0.200		1.100	1.000	110.0	70 - 130	
Oxamyl	ND	< 0.400		2.130	2.000	106.5	70 - 130	
Paclobutrazol	ND	< 0.200		0.908	0.800	113.5	70 - 130	
Parathion Methyl	ND	< 0.200		0.905	0.800	113.1	30 - 150	
Permethrin	ND	< 0.100		0.428	0.400	107.0	70 - 130	
Phosmet	ND	< 0.100		0.428	0.400	107.0	70 - 130	
Piperonyl butoxide	ND	< 1.000		2.440	2.000	122.0	70 - 130	
Prallethrin	ND	< 0.200		0.835	0.800	104.4	70 - 130	
Propiconazole	ND	< 0.200		0.839	0.800	104.9	70 - 130	
Propoxur	ND	< 0.100		0.429	0.400	107.3	70 - 130	
Pyrethrins	ND	< 0.500		0.334	0.284	117.6	70 - 130	
Pyridaben	ND	< 0.100		0.459	0.400	114.8	70 - 130	
Spinosad	ND	< 0.100		0.419	0.388	108.0	70 - 130	
Spiromesifen	ND	< 0.100		0.427	0.400	106.8	70 - 130	
Spirotetramat	ND	< 0.100		0.453	0.400	113.3	70 - 130	
Spiroxamine	ND	< 0.100		0.911	0.800	113.9	70 - 130	
Tebuconazol	ND	< 0.200		0.877	0.800	109.6	70 - 130	
Thiacloprid	ND	< 0.100		0.429	0.400	107.3	70 - 130	
Thiamethoxam	ND	< 0.100		0.453	0.400	113.3	70 - 130	
Trifloxystrobin	ND	< 0.100		0.446	0.400	111.5	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: 19-009554
Report Number: 19-009554-00
Report Date: 08/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/09/19 16:40

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: 1907277**

Matrix Spike/Matrix Spike Duplicate Recoveries Sample ID: 19-009554-0004

Analyte	Result	MS Res	MSD Res	Spike	RPD%		MS % Rec	MSD % Rec	Limits	Notes
Acephate	0.000	1.100	0.949	1.000	14.7	< 30	110.0	94.9	50 - 150	
Acequinocyl	0.000	4.890	4.600	4.000	6.1	< 30	122.3	115.0	50 - 150	
Acetamiprid	0.000	0.442	0.426	0.400	3.7	< 30	110.5	106.5	50 - 150	
Aldicarb	0.000	0.871	0.817	0.800	6.4	< 30	108.9	102.1	50 - 150	
Abamectin	0.000	1.350	1.290	1.000	4.5	< 30	135.0	129.0	50 - 150	
Azoxystrobin	0.000	0.480	0.472	0.400	1.7	< 30	120.0	118.0	50 - 150	
Bifenazate	0.000	0.457	0.436	0.400	4.7	< 30	114.3	109.0	50 - 150	
Bifenthrin	0.000	1.250	1.170	0.400	6.6	< 30	***312.5***	***292.5***	50 - 150	Q1
Boscalid	0.000	0.908	0.811	0.800	11.3	< 30	113.5	101.4	50 - 150	
Carbaryl	0.000	0.451	0.432	0.400	4.3	< 30	112.8	108.0	50 - 150	
Carbofuran	0.000	0.472	0.421	0.400	11.4	< 30	118.0	105.3	50 - 150	
Chlorantraniliprol	0.000	0.322	0.324	0.400	0.6	< 30	80.5	81.0	50 - 150	
Chlorfenapyr	0.000	2.200	2.150	2.000	2.3	< 30	110.0	107.5	50 - 150	
Chlorpyrifos	0.000	0.854	0.757	0.400	12.0	< 30	***213.5***	***189.3***	50 - 150	Q1
Clofentezine	0.000	0.505	0.471	0.400	7.0	< 30	126.3	117.8	50 - 150	
Cyfluthrin	0.000	3.520	3.630	2.000	3.1	< 30	***176.0***	***181.5***	30 - 150	Q1
Cypermethrin	0.000	2.050	2.000	2.000	2.5	< 30	102.5	100.0	50 - 150	
Daminozide	0.000	2.770	2.400	2.000	14.3	< 30	138.5	120.0	30 - 150	
Diazinon	0.000	0.493	0.453	0.400	8.5	< 30	123.3	113.3	50 - 150	
Dichlorvos	0.000	2.170	1.930	2.000	11.7	< 30	108.5	96.5	50 - 150	
Dimethoat	0.000	0.439	0.419	0.400	4.7	< 30	109.8	104.8	50 - 150	
Ethoprophos	0.000	0.442	0.438	0.400	0.9	< 30	110.5	109.5	50 - 150	
Etofenprox	0.000	0.945	0.961	0.800	1.7	< 30	118.1	120.1	50 - 150	
Etoxazol	0.000	0.491	0.461	0.400	6.3	< 30	122.8	115.3	50 - 150	
Fenoxycarb	0.000	0.444	0.420	0.400	5.6	< 30	111.0	105.0	50 - 150	
Fenpyroximat	0.000	0.812	0.748	0.800	8.2	< 30	101.5	93.5	50 - 150	
Fipronil	0.000	1.040	0.947	0.800	9.4	< 30	130.0	118.4	50 - 150	
Flonicamid	0.000	1.100	0.975	1.000	12.0	< 30	110.0	97.5	50 - 150	
Fludioxonil	0.000	0.862	0.741	0.800	15.1	< 30	107.8	92.6	50 - 150	
Hexythiazox	0.000	2.610	2.340	1.000	10.9	< 30	***261.0***	***234.0***	50 - 150	Q1
Imazalil	0.000	0.448	0.423	0.400	5.7	< 30	112.0	105.8	50 - 150	
Imidacloprid	0.000	0.885	0.857	0.800	3.2	< 30	110.6	107.1	50 - 150	
Kresoxim-Methyl	0.000	0.967	0.910	0.800	6.1	< 30	120.9	113.8	50 - 150	
Malathion	0.000	0.466	0.455	0.400	2.4	< 30	116.5	113.8	50 - 150	
Metalaxyl	0.000	0.470	0.423	0.400	10.5	< 30	117.5	105.8	50 - 150	
Methiocarb	0.000	0.497	0.443	0.400	11.5	< 30	124.3	110.8	50 - 150	
Methomyl	0.000	0.938	0.718	0.800	26.6	< 30	117.3	89.8	50 - 150	
MGK 264	0.000	0.494	0.480	0.400	2.9	< 30	123.5	120.0	50 - 150	
Myclobutanil	0.000	0.461	0.439	0.400	4.9	< 30	115.3	109.8	50 - 150	
Naled	0.000	1.180	1.140	1.000	3.4	< 30	118.0	114.0	50 - 150	
Oxamyl	0.000	2.170	2.000	2.000	8.2	< 30	108.5	100.0	50 - 150	
Paclobutrazol	0.000	0.914	0.896	0.800	2.0	< 30	114.3	112.0	50 - 150	
Parathion Methyl	0.000	0.957	0.958	0.800	0.1	< 30	119.6	119.8	30 - 150	
Permethrin	0.000	0.505	0.500	0.400	1.0	< 30	126.3	125.0	50 - 150	
Phosmet	0.000	0.434	0.419	0.400	3.5	< 30	108.5	104.8	50 - 150	
Piperonyl butoxide	0.000	2.480	2.350	2.000	5.4	< 30	124.0	117.5	50 - 150	
Prallethrin	0.000	1.290	1.320	0.800	2.3	< 30	***161.3***	***165.0***	50 - 150	Q1
Propiconazole	0.000	0.972	0.888	0.800	9.0	< 30	121.5	111.0	50 - 150	
Propoxur	0.000	0.448	0.410	0.400	8.9	< 30	112.0	102.5	50 - 150	
Pyrethrins	0.001	0.288	0.329	0.284	13.3	< 30	100.9	115.3	50 - 150	
Pyridaben	0.000	0.388	0.361	0.400	7.2	< 30	97.0	90.3	50 - 150	
Spinosad	0.000	0.452	0.424	0.388	6.4	< 30	116.5	109.3	50 - 150	
Spiromesifen	0.000	0.610	0.568	0.400	7.1	< 30	***152.5***	142.0	50 - 150	Q1
Spirotetramat	0.000	0.385	0.363	0.400	5.9	< 30	96.3	90.8	50 - 150	
Spiroxamine	0.000	0.945	0.884	0.800	6.7	< 30	118.1	110.5	50 - 150	
Tebuconazol	0.000	0.887	0.857	0.800	3.4	< 30	110.9	107.1	50 - 150	
Thiacloprid	0.000	0.453	0.429	0.400	5.4	< 30	113.3	107.3	50 - 150	
Thiamethoxam	0.000	0.452	0.395	0.400	13.5	< 30	113.0	98.8	50 - 150	
Trifloxystrobin	0.000	0.473	0.456	0.400	2.4	< 30	118.3	114.0	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: 19-009554
Report Number: 19-009554-00
Report Date: 08/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/09/19 16:40

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 1907356**

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.197		0.2	%	98.5	85 - 115	Acceptable	
CBDV	0.194		0.2	%	97.0	85 - 115	Acceptable	
CBD-A	0.189		0.2	%	94.5	85 - 115	Acceptable	
CBG-A	0.190		0.2	%	95.0	85 - 115	Acceptable	
CBG	0.195		0.2	%	97.5	85 - 115	Acceptable	
CBD	0.195		0.2	%	97.5	85 - 115	Acceptable	
THCV	0.193		0.2	%	96.5	85 - 115	Acceptable	
THCVA	0.189		0.2	%	94.5	85 - 115	Acceptable	
CBN	0.189		0.2	%	94.5	85 - 115	Acceptable	
THC	0.191		0.2	%	95.5	85 - 115	Acceptable	
D8THC	0.184		0.2	%	92.0	85 - 115	Acceptable	
CBL	0.192		0.2	%	96.0	85 - 115	Acceptable	
CBC	0.189		0.2	%	94.5	85 - 115	Acceptable	
THCA	0.187		0.2	%	93.5	85 - 115	Acceptable	
CBCA	0.176		0.2	%	88.0	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: 19-009554
Report Number: 19-009554-00
Report Date: 08/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/09/19 16:40

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

J AOAC 2015 V98-6					Batch ID: 1907356			
Sample Duplicate					Sample ID: **19-009552-0001**			
Analyte	**Result**	**Org. Result**	**LOQ**	**Units**	**RPD**	**Limits**	**Evaluation**	**Notes**
CBDV-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBDV	0.433	0.440	0.1	%	1.60	< 20	Acceptable	
CBD-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG	ND	ND	0.1	%	0	< 20	Acceptable	
CBD	90.9	92.7	0.1	%	1.96	< 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	ND	ND	0.1	%	0	< 20	Acceptable	
D8THC	ND	ND	0.1	%	0	< 20	Acceptable	
CBL	ND	ND	0.1	%	0	< 20	Acceptable	
CBC	ND	ND	0.1	%	0	< 20	Acceptable	
THCA	ND	ND	0.1	%	0	< 20	Acceptable	
CBCA	ND	ND	0.1	%	0	< 20	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: 19-009554
Report Number: 19-009554-00
Report Date: 08/16/2019
ORELAP#: OR100028
Purchase Order:
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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	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