PIXIS Labs
A Tentamus Company

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

Job Number:	19-007305
Report Number:	19-007305-00
Report Date:	06/28/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/21/19 15:07

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

Product identity: Sentia Wellness Lemon Ginger Drops 1000mg HDTO-1117
Laboratory ID: 19-007305-0001
Client/Metrc ID: .
Sample Date:

Summary

Potency:

Analyte	Result	Limits	Units	LOQ
CBD	3.52		%	0.0326

Analyte per 1ml	Result	Limits	Units	LOQ
CBD per 1ml	35.3		mg/1ml	0.0334

Analyte per 30ml	Result	Limits	Units	LOQ
CBD per 30ml	1060		mg/30ml	1.00

CBD-Total (%)	3.52 %
CBD-Total per 1ml	35.3 mg/1ml
CBD-Total per 30ml	1060 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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503-254-1794

Job Number:	19-007305
Report Number:	19-007305-00
Report Date:	06/28/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/21/19 15:07

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

Product identity: Sentia Wellness Lemon Ginger Drops 1000mg HDTO-1117
Client/Metrc ID: .
Sample Date:
Laboratory ID: 19-007305-0001
Relinquished by: Brian Ramos
Temp: 24.3 °C
Weight Received: 16 g
Serving Size #2: 30.1 g
Serving Size #1: 1.003 g

Sample Results

Potency — Batch: 1905753

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBC-Total†	< LOQ		%	0.0061	06/27/19	J AOAC 2015 V98-6	
CBD	3.52		%	0.0325	06/27/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBD-Total	3.52		%	0.0354	06/27/19	J AOAC 2015 V98-6	
CBDV†	0.00741		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBDV-Total†	0.00741		%	0.0061	06/27/19	J AOAC 2015 V98-6	
CBG†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBG-Total†	< LOQ		%	0.0061	06/27/19	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.0061	06/27/19	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0033	06/27/19	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.0061	06/27/19	J AOAC 2015 V98-6	

Testing in accordance with: OAR 333-007-0430

PIXIS Labs
A Tentamus Company

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

Job Number: 19-006796
Report Number: 074606-01
Report Date: 06/21/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/12/19 17:30

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

Potency per 1ml — Batch: 1905386

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	35.3		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	35.3		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: 1905386

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	1060		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	1060		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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12423 NE Whitaker Way
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503-254-1794

Job Number: 19-007305
Report Number: 19-007305-00
Report Date: 06/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/21/19 15:07

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

Solvents **Method** EPA5021A **Units** µg/g **Batch** 1905632 **Analyze** 06/25/19 02:27 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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Received: 06/21/19 15:07

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Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1905682 **Analyze** 06/26/19 12:06 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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Report Date:	06/28/2019
ORELAP#:	OR100028
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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
mg/30.1g = Milligram per 30.1g
% = 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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Laboratory Quality Control Results

EPA 5021 **Batch ID:** 1905632

Method Blank					Laboratory Control Sample							
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Limits			Notes
Propane	ND	<	200		2610	2750	µg/g	94.9	70	-	130	
Isobutane	ND	<	200		2950	3570	µg/g	82.6	70	-	130	
Butane	ND	<	200		2980	3570	µg/g	83.5	70	-	130	
2,2-dimethylpropane	ND	<	200		4060	4500	µg/g	90.2	70	-	130	
Methanol	ND	<	200		2420	2390	µg/g	101.3	70	-	130	
Ethylene Oxide	ND	<	30		227	277	µg/g	81.9	70	-	130	
2-Methylbutane	ND	<	200		2380	2430	µg/g	97.9	70	-	130	
n-Pentane	ND	<	200		2330	2380	µg/g	97.9	70	-	130	
Ethanol	ND	<	200		2330	2400	µg/g	97.1	70	-	130	
Ethyl Ether	ND	<	200		2180	2430	µg/g	89.7	70	-	130	
2,2-Dimethylbutane	ND	<	30		589	620	µg/g	95.0	70	-	130	
Acetone	ND	<	200		2260	2380	µg/g	95.0	70	-	130	
Isopropyl alcohol	ND	<	200		2410	2380	µg/g	101.3	70	-	130	
Ethyl Formate	ND	<	500		2350	2440	µg/g	96.3	70	-	130	
Acetonitrile	ND	<	100		860	919	µg/g	93.6	70	-	130	
Methyl Acetate	ND	<	500		2380	2450	µg/g	97.1	70	-	130	
2,3-Dimethylbutane	ND	<	30		312	303	µg/g	103.0	70	-	130	
Dichloromethane	ND	<	200		827	948	µg/g	87.2	70	-	130	
2-Methylpentane	ND	<	30		268	293	µg/g	91.5	70	-	130	
MTBE	ND	<	500		2340	2440	µg/g	95.9	70	-	130	
3-Methylpentane	ND	<	30		288	314	µg/g	91.7	70	-	130	
Hexane	ND	<	30		265	297	µg/g	89.2	70	-	130	
1-Propanol	ND	<	500		2420	2350	µg/g	103.0	70	-	130	
Methylethylketone	ND	<	500		2310	2400	µg/g	96.3	70	-	130	
Ethyl acetate	ND	<	200		2220	2370	µg/g	93.7	70	-	130	
2-Butanol	ND	<	200		2320	2410	µg/g	96.3	70	-	130	
Tetrahydrofuran	ND	<	100		832	943	µg/g	88.2	70	-	130	
Cyclohexane	ND	<	200		2160	2370	µg/g	91.1	70	-	130	
2-methyl-1-propanol	ND	<	500		2430	2400	µg/g	101.3	70	-	130	
Benzene	ND	<	1		34.4	38.4	µg/g	89.6	70	-	130	
Isopropyl Acetate	ND	<	200		2240	2420	µg/g	92.6	70	-	130	
Heptane	ND	<	200		2230	2380	µg/g	93.7	70	-	130	
1-Butanol	ND	<	500		2410	2370	µg/g	101.7	70	-	130	
Propyl Acetate	ND	<	500		2390	2470	µg/g	96.8	70	-	130	
1,4-Dioxane	ND	<	100		810	933	µg/g	86.8	70	-	130	
2-Ethoxyethanol	ND	<	30		2200	2370	µg/g	92.8	70	-	130	
Methylisobutylketone	ND	<	500		2400	2460	µg/g	97.6	70	-	130	
3-Methyl-1-butanol	ND	<	500		2410	2400	µg/g	100.4	70	-	130	
Ethylene Glycol	ND	<	200		911	934	µg/g	97.5	70	-	130	
Toluene	ND	<	200		775	937	µg/g	82.7	70	-	130	
Isobutyl Acetate	ND	<	500		2360	2450	µg/g	96.3	70	-	130	
1-Pentanol	ND	<	500		2470	2440	µg/g	101.2	70	-	130	
Butyl Acetate	ND	<	500		2620	2750	µg/g	95.3	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		287	368	µg/g	78.0	70	-	130	
Anisole	ND	<	500		2080	2450	µg/g	84.9	70	-	130	

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

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Report Date: 06/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/21/19 15:07

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QC - Sample Duplicate **Sample ID: 19-007177-0001**

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	
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
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: 19-007305
Report Number: 19-007305-00
Report Date: 06/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/21/19 15:07

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: 0	
Method Blank				Laboratory Control Sample				
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	ND	< 0.200		1.040	1.000	104.0	70 - 130	
Acequinocyl	ND	< 1.000		4.160	4.000	104.0	70 - 130	
Acetamiprid	ND	< 0.100		0.392	0.400	98.0	70 - 130	
Aldicarb	ND	< 0.200		0.772	0.800	96.5	70 - 130	
Abamectin	ND	< 0.288		0.942	1.000	94.2	70 - 130	
Azoxystrobin	ND	< 0.100		0.414	0.400	103.5	70 - 130	
Bifenazate	ND	< 0.100		0.375	0.400	93.8	70 - 130	
Bifenthrin	ND	< 0.100		0.402	0.400	100.5	70 - 130	
Boscalid	ND	< 0.100		0.693	0.800	86.6	70 - 130	
Carbaryl	ND	< 0.100		0.419	0.400	104.8	70 - 130	
Carbofuran	ND	< 0.100		0.420	0.400	105.0	70 - 130	
Chlorantraniliprol	ND	< 0.100		0.354	0.400	88.5	70 - 130	
Chlorfenapyr	ND	< 1.000		2.070	2.000	103.5	70 - 130	
Chlorpyrifos	ND	< 0.100		0.431	0.400	107.8	70 - 130	
Clofentezine	ND	< 0.100		0.391	0.400	97.8	70 - 130	
Cyfluthrin	ND	< 1.000		1.910	2.000	95.5	30 - 150	
Cypermethrin	ND	< 1.000		2.020	2.000	101.0	70 - 130	
Daminozide	ND	< 1.000		1.970	2.000	98.5	30 - 150	
Diazinon	ND	< 0.100		0.390	0.400	97.5	70 - 130	
Dichlorvos	ND	< 0.500		1.590	2.000	79.5	70 - 130	
Dimethoat	ND	< 0.100		0.401	0.400	100.3	70 - 130	
Ethoprophos	ND	< 0.100		0.405	0.400	101.3	70 - 130	
Etofenprox	ND	< 0.100		0.780	0.800	97.5	70 - 130	
Etoxazol	ND	< 0.100		0.375	0.400	93.8	70 - 130	
Fenoxycarb	ND	< 0.100		0.395	0.400	98.8	70 - 130	
Fenpyroximat	ND	< 0.100		0.813	0.800	101.6	70 - 130	
Fipronil	ND	< 0.100		0.804	0.800	100.5	70 - 130	
Flonicamid	ND	< 0.400		1.010	1.000	101.0	70 - 130	
Fludioxonil	ND	< 0.100		0.772	0.800	96.5	70 - 130	
Hexythiazox	ND	< 0.400		0.994	1.000	99.4	70 - 130	
Imazalil	ND	< 0.100		0.432	0.400	108.0	70 - 130	
Imidacloprid	ND	< 0.200		0.776	0.800	97.0	70 - 130	
Kresoxim-Methyl	ND	< 0.100		0.809	0.800	101.1	70 - 130	
Malathion	ND	< 0.100		0.380	0.400	95.0	70 - 130	
Metalaxyl	ND	< 0.100		0.388	0.400	97.0	70 - 130	
Methiocarb	ND	< 0.100		0.402	0.400	100.5	70 - 130	
Methomyl	ND	< 0.200		0.826	0.800	103.3	70 - 130	
MGK 264	ND	< 0.100		0.399	0.400	99.8	70 - 130	
Myclobutanil	ND	< 0.100		0.379	0.400	94.8	70 - 130	
Naled	ND	< 0.200		0.932	1.000	93.2	70 - 130	
Oxamyl	ND	< 0.400		1.940	2.000	97.0	70 - 130	
Paclobutrazol	ND	< 0.200		0.758	0.800	94.8	70 - 130	
Parathion Methyl	ND	< 0.200		1.170	0.800	146.3	30 - 150	
Permethrin	ND	< 0.100		0.390	0.400	97.5	70 - 130	
Phosmet	ND	< 0.100		0.400	0.400	100.0	70 - 130	
Piperonyl butoxide	ND	< 1.000		1.930	2.000	96.5	70 - 130	
Prallethrin	ND	< 0.200		0.313	0.400	78.3	70 - 130	
Propiconazole	ND	< 0.200		0.767	0.800	95.9	70 - 130	
Propoxur	ND	< 0.100		0.384	0.400	96.0	70 - 130	
Pyrethrins	ND	< 0.500		0.249	0.284	87.7	70 - 130	
Pyridaben	ND	< 0.100		0.429	0.400	107.3	70 - 130	
Spinosad	ND	< 0.100		0.425	0.388	109.5	70 - 130	
Spiromesifen	ND	< 0.100		0.405	0.400	101.3	70 - 130	
Spirotetramat	ND	< 0.100		0.408	0.400	102.0	70 - 130	
Spiroxamine	ND	< 0.100		0.816	0.800	102.0	70 - 130	
Tebuconazol	ND	< 0.200		0.837	0.800	104.6	70 - 130	
Thiacloprid	ND	< 0.100		0.400	0.400	100.0	70 - 130	
Thiamethoxam	ND	< 0.100		0.403	0.400	100.8	70 - 130	
Trifloxystrobin	ND	< 0.100		0.401	0.400	100.3	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: 19-007305
Report Number: 19-007305-00
Report Date: 06/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/21/19 15:07

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: 0

Matrix Spike/Matrix Spike Duplicate Recoveries | Sample ID: 19-007305-0002

Analyte	Result	MS Res	MSD Res	Spike	RPD%		MS % Rec	MSD % Rec	Limits	Notes
Acephate	0.000	0.856	0.903	1.000	5.3	< 30	85.6	90.3	50 - 150	
Acequinocyl	0.000	3.990	4.000	4.000	0.3	< 30	99.8	100.0	50 - 150	
Acetamiprid	0.000	0.394	0.381	0.400	3.4	< 30	98.5	95.3	50 - 150	
Aldicarb	0.000	0.797	0.782	0.800	1.9	< 30	99.6	97.8	50 - 150	
Abamectin	0.000	1.190	1.260	1.000	5.7	< 30	119.0	126.0	50 - 150	
Azoxystrobin	0.008	0.418	0.400	0.400	4.4	< 30	102.5	98.0	50 - 150	
Bifenazate	0.014	0.386	0.383	0.400	0.8	< 30	93.0	92.2	50 - 150	
Bifenthrin	0.005	0.979	0.952	0.400	2.8	< 30	***243.4***	***236.7***	50 - 150	Q1
Boscalid	0.000	0.790	0.795	0.800	0.6	< 30	98.8	99.4	50 - 150	
Carbaryl	0.000	0.458	0.463	0.400	1.1	< 30	114.5	115.8	50 - 150	
Carbofuran	0.000	0.399	0.416	0.400	4.2	< 30	99.8	104.0	50 - 150	
Chlorantraniliprol	0.000	0.352	0.361	0.400	2.5	< 30	88.0	90.3	50 - 150	
Chlorfenapyr	0.187	2.120	2.380	2.000	11.6	< 30	96.7	109.7	50 - 150	
Chlorpyrifos	0.000	0.568	0.616	0.400	8.1	< 30	142.0	***154.0***	50 - 150	Q1
Clofentezine	0.001	0.444	0.450	0.400	1.3	< 30	110.9	112.4	50 - 150	
Cyfluthrin	0.051	3.250	3.080	2.000	5.4	< 30	***159.9***	***151.4***	30 - 150	Q1
Cypermethrin	0.000	1.940	1.970	2.000	1.5	< 30	97.0	98.5	50 - 150	
Daminozide	0.000	1.970	2.040	2.000	3.5	< 30	98.5	102.0	30 - 150	
Diazinon	0.000	0.431	0.430	0.400	0.2	< 30	107.8	107.5	50 - 150	
Dichlorvos	0.000	1.510	1.510	2.000	0.0	< 30	75.5	75.5	50 - 150	
Dimethoat	0.000	0.404	0.398	0.400	1.5	< 30	101.0	99.5	50 - 150	
Ethoprophos	0.016	0.418	0.364	0.400	13.8	< 30	100.6	87.1	50 - 150	
Etofenprox	0.002	0.862	0.859	0.800	0.3	< 30	107.5	107.2	50 - 150	
Etoxazol	0.000	0.422	0.427	0.400	1.2	< 30	105.5	106.8	50 - 150	
Fenoxycarb	0.015	0.408	0.408	0.400	0.0	< 30	98.2	98.2	50 - 150	
Fenpyroximat	0.000	0.739	0.731	0.800	1.1	< 30	92.4	91.4	50 - 150	
Fipronil	0.021	0.976	0.971	0.800	0.5	< 30	119.3	118.7	50 - 150	
Flonicamid	0.000	0.959	0.952	1.000	0.7	< 30	95.9	95.2	50 - 150	
Fludioxonil	0.000	0.736	0.716	0.800	2.8	< 30	92.0	89.5	50 - 150	
Hexythiazox	0.000	2.360	2.320	1.000	1.7	< 30	***236.0***	***232.0***	50 - 150	Q1
Imazalil	0.000	0.368	0.359	0.400	2.5	< 30	92.0	89.8	50 - 150	
Imidacloprid	0.000	0.793	0.780	0.800	1.7	< 30	99.1	97.5	50 - 150	
Kresoxim-Methyl	0.026	0.865	0.833	0.800	3.8	< 30	104.9	100.9	50 - 150	
Malathion	0.000	0.439	0.416	0.400	5.4	< 30	109.8	104.0	50 - 150	
Metalaxyl	0.003	0.386	0.383	0.400	0.8	< 30	95.8	95.1	50 - 150	
Methiocarb	0.018	0.394	0.400	0.400	1.5	< 30	93.9	95.4	50 - 150	
Methomyl	0.000	0.767	0.778	0.800	1.4	< 30	95.9	97.3	50 - 150	
MGK 264	0.000	0.446	0.434	0.400	2.7	< 30	111.5	108.5	50 - 150	
Myclobutanil	0.005	0.359	0.382	0.400	6.2	< 30	88.5	94.2	50 - 150	
Naled	0.022	1.010	0.961	1.000	5.0	< 30	98.8	93.9	50 - 150	
Oxamyl	0.000	1.850	1.900	2.000	2.7	< 30	92.5	95.0	50 - 150	
Paclobutrazol	0.004	0.743	0.758	0.800	2.0	< 30	92.3	94.2	50 - 150	
Parathion Methyl	0.062	1.180	1.150	0.800	2.6	< 30	139.8	136.1	30 - 150	
Permethrin	0.008	0.452	0.426	0.400	5.9	< 30	111.1	104.6	50 - 150	
Phosmet	0.000	0.405	0.401	0.400	1.0	< 30	101.2	100.2	50 - 150	
Piperonyl butoxide	0.000	2.240	2.150	2.000	4.1	< 30	112.0	107.5	50 - 150	
Prallethrin	0.000	0.362	0.387	0.400	6.7	< 30	90.5	96.8	50 - 150	
Propiconazole	0.013	0.784	0.814	0.800	3.8	< 30	96.4	100.1	50 - 150	
Propoxur	0.000	0.392	0.395	0.400	0.8	< 30	98.0	98.8	50 - 150	
Pyrethrins	0.000	0.226	0.213	0.284	5.9	< 30	79.6	75.0	50 - 150	
Pyridaben	0.000	0.293	0.282	0.400	3.8	< 30	73.3	70.5	50 - 150	
Spinosad	0.000	0.383	0.388	0.388	1.3	< 30	98.7	100.0	50 - 150	
Spiromesifen	0.000	0.458	0.481	0.400	4.9	< 30	114.5	120.3	50 - 150	
Spirotetramat	0.023	0.349	0.338	0.400	3.2	< 30	81.5	78.7	50 - 150	
Spiroxamine	0.000	0.763	0.767	0.800	0.5	< 30	95.4	95.9	50 - 150	
Tebuconazol	0.000	0.790	0.803	0.800	1.6	< 30	98.8	100.4	50 - 150	
Thiacloprid	0.000	0.390	0.398	0.400	2.0	< 30	97.5	99.5	50 - 150	
Thiamethoxam	0.000	0.394	0.402	0.400	2.0	< 30	98.5	100.5	50 - 150	
Trifloxystrobin	0.006	0.427	0.425	0.400	0.3	< 30	105.2	104.7	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:	19-007305
Report Number:	19-007305-00
Report Date:	06/28/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/21/19 15:07

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

Laboratory Quality Control Results

JAOAC2015 V98-6 — Batch ID: 1905753

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00984		0.01	%	98.4	85 - 115	Acceptable	
CBDV	0.0102		0.01	%	102	85 - 115	Acceptable	
CBD-A	0.00955		0.01	%	95.5	85 - 115	Acceptable	
CBG-A	0.00977		0.01	%	97.7	85 - 115	Acceptable	
CBG	0.0103		0.01	%	103	85 - 115	Acceptable	
CBD	0.00996		0.01	%	99.6	85 - 115	Acceptable	
THCV	0.00974		0.01	%	97.4	85 - 115	Acceptable	
THCVA	0.00969		0.01	%	96.9	85 - 115	Acceptable	
CBN	0.00999		0.01	%	99.9	85 - 115	Acceptable	
THC	0.00908		0.01	%	90.8	85 - 115	Acceptable	
D8THC	0.00971		0.01	%	97.1	85 - 115	Acceptable	
CBL	0.00969		0.01	%	96.9	85 - 115	Acceptable	
CBC	0.0104		0.01	%	104	85 - 115	Acceptable	
THCA	0.0102		0.01	%	102	85 - 115	Acceptable	
CBCA	0.00958		0.01	%	95.8	85 - 115	Acceptable	

Method Blank

Analyte	Result		LOQ	Units		Limits	Evaluation	Notes
CBDV-A	ND		0.003	%		< 0.003	Acceptable	
CBDV	ND		0.003	%		< 0.003	Acceptable	
CBD-A	ND		0.003	%		< 0.003	Acceptable	
CBG-A	ND		0.003	%		< 0.003	Acceptable	
CBG	ND		0.003	%		< 0.003	Acceptable	
CBD	ND		0.003	%		< 0.003	Acceptable	
THCV	ND		0.003	%		< 0.003	Acceptable	
THCVA	ND		0.003	%		< 0.003	Acceptable	
CBN	ND		0.003	%		< 0.003	Acceptable	
THC	ND		0.003	%		< 0.003	Acceptable	
D8THC	ND		0.003	%		< 0.003	Acceptable	
CBL	ND		0.003	%		< 0.003	Acceptable	
CBC	ND		0.003	%		< 0.003	Acceptable	
THCA	ND		0.003	%		< 0.003	Acceptable	
CBCA	ND		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

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: 19-007305
Report Number: 19-007305-00
Report Date: 06/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 06/21/19 15:07

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

JAOAC2015 V98-6					Batch ID: 1905753			
Sample Duplicate					Sample ID: 19-007305-0001			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBDV	0.00744	0.00741	0.003	%	0.404	< 20	Acceptable	
CBD-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.003	%	0	< 20	Acceptable	
CBG	ND	ND	0.003	%	0	< 20	Acceptable	
CBD	3.51	3.52	0.003	%	0.284	< 20	Acceptable	
THCV	ND	ND	0.003	%	0	< 20	Acceptable	
THCVA	ND	ND	0.003	%	0	< 20	Acceptable	
CBN	ND	ND	0.003	%	0	< 20	Acceptable	
THC	ND	ND	0.003	%	0	< 20	Acceptable	
D8THC	ND	ND	0.003	%	0	< 20	Acceptable	
CBL	ND	ND	0.003	%	0	< 20	Acceptable	
CBC	ND	ND	0.003	%	0	< 20	Acceptable	
THCA	ND	ND	0.003	%	0	< 20	Acceptable	
CBCA	ND	ND	0.003	%	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:	19-007305
Report Number:	19-007305-00
Report Date:	06/28/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	06/21/19 15:07

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