PIXIS Labs
A Tentamus Company

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

Job Number: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

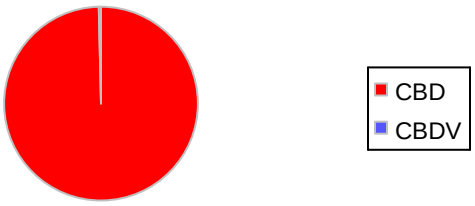
Customer:
Cura Can
1133 SE 82nd Ave.
Portland Oregon 97214
United States

Product identity: CBD Disposable Primary
Client/Metrc ID: CBD DISP 4/10
Sample Date: 04/10/18
Laboratory ID: 18-002121-0005
Grower: AG-R1046321LHH
Relinquished by: Brian Ramos
Temp: 20.8 °C
Weight Received: 6.18 g

Sample Results

Potency **Method** J AOAC 2015 V98-6 **Units** % **Batch** 1801705 **Analyze** 04/13/18 09:14

Analyte	As Received	Dry weight	LOQ	Notes
CBC†	< LOQ		0.100	
CBC-A†	< LOQ		0.100	
CBC-Total†	< LOQ		0.100	
CBD	51.8		0.100	
CBD-A	< LOQ		0.100	
CBD-Total	51.8		0.100	
CBDV†	0.190		0.100	
CBDV-A†	< LOQ		0.100	
CBDV-Total†	0.190		0.100	
CBG†	< LOQ		0.100	
CBG-A†	< LOQ		0.100	
CBG-Total†	< LOQ		0.100	
CBL†	< LOQ		0.100	
CBN	< LOQ		0.100	
D8THC†	< LOQ		0.100	
THC	< LOQ		0.100	
THC-A	< LOQ		0.100	
THC-Total	< LOQ		0.100	
THCV†	< LOQ		0.100	
THCV-A†	< LOQ		0.100	
THCV-Total†	< LOQ		0.100	



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

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Job Number: 18-002121
Report Date: 04/13/2018
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Purchase Order:
Received: 04/10/18 13:06

Solvents **Method** EPA5021A **Units** µg/g **Batch** 1801724 **Analyze** 4/11/18 12:00:00

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		60.0			2,2-Dimethylpropane	< LOQ		2800		
2,3-Dimethylbutane	< LOQ		60.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	2.00	pass		Butanes (sum)	< LOQ	5000		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		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		2200			n-Butane	< LOQ		2200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000		pass		Propane	< LOQ	5000	1700	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ					Total Xylenes and Ethyl	< LOQ	2170		pass	

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1801740 **Analyze** 4/12/18 12:00:00

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.25	pass		Acephate	< LOQ	0.40	0.25	pass	
Acequinocyl	< LOQ	2.0	1.0	pass		Acetamiprid	< LOQ	0.20	0.10	pass	
Aldicarb	< LOQ	0.40	0.20	pass		Azoxystrobin	< LOQ	0.20	0.10	pass	
Bifenazate	< LOQ	0.20	0.10	pass		Bifenthrin	< LOQ	0.20	0.10	pass	
Boscalid	< LOQ	0.40	0.10	pass		Carbaryl	< LOQ	0.20	0.10	pass	
Carbofuran	< LOQ	0.20	0.10	pass		Chlorantraniliprol	< LOQ	0.20	0.10	pass	
Chlorfenapyr	< LOQ	1.0	0.50	pass		Chlorpyrifos	< LOQ	0.20	0.10	pass	
Clofentezine	< LOQ	0.20	0.10	pass		Cyfluthrin (incl.	< LOQ	1.0	0.50	pass	
Cypermethrin	< LOQ	1.0	0.50	pass		Daminozide	< LOQ	1.0	0.50	pass	
Diazinon	< LOQ	0.20	0.10	pass		Dichlorvos	< LOQ	1.0	0.50	pass	
Dimethoate	< LOQ	0.20	0.10	pass		Ethoprophos	< LOQ	0.20	0.10	pass	
Etofenprox	< LOQ	0.40	0.20	pass		Etoxazole	< LOQ	0.20	0.10	pass	
Fenoxycarb	< LOQ	0.20	0.10	pass		Fenpyroximate	< LOQ	0.40	0.20	pass	
Fipronil	< LOQ	0.40	0.20	pass		Flonicamid	< LOQ	1.0	0.40	pass	
Fludioxonil	< LOQ	0.40	0.20	pass		Hexythiazox	< LOQ	1.0	0.40	pass	
Imazalil	< LOQ	0.20	0.10	pass		Imidacloprid	< LOQ	0.40	0.20	pass	

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ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1801740 **Analyze** 4/12/18 12:00:00

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Kresoxim-methyl	< LOQ	0.40	0.20	pass		Malathion	< LOQ	0.20	0.10	pass	
Metalaxyl	< LOQ	0.20	0.10	pass		Methiocarb	< LOQ	0.20	0.10	pass	
Methomyl	< LOQ	0.40	0.20	pass		MGK-264	< LOQ	0.20	0.10	pass	
Myclobutanil	< LOQ	0.20	0.10	pass		Naled	< LOQ	0.50	0.25	pass	
Oxamyl	< LOQ	1.0	0.50	pass		Paclobutrazole	< LOQ	0.40	0.20	pass	
Parathion-Methyl	< LOQ	0.20	0.20	pass		Permethrin	< LOQ	0.20	0.10	pass	
Phosmet	< LOQ	0.20	0.10	pass		Piperonyl butoxide	< LOQ	2.0	1.0	pass	
Prallethrin	< LOQ	0.20	0.10	pass		Propiconazole	< LOQ	0.40	0.20	pass	
Propoxur	< LOQ	0.20	0.10	pass		Pyrethrins	< LOQ	1.0	0.50	pass	
Pyridaben	< LOQ	0.20	0.10	pass		Spinosad	< LOQ	0.20	0.10	pass	
Spiromesifen	< LOQ	0.20	0.10	pass		Spirotetramat	< LOQ	0.20	0.10	pass	
Spiroxamine	< LOQ	0.40	0.20	pass		Tebuconazole	< LOQ	0.40	0.20	pass	
Thiacloprid	< LOQ	0.20	0.10	pass		Thiamethoxam	< LOQ	0.20	0.10	pass	
Trifloxystrobin	< LOQ	0.20	0.10	pass							

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

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Customer:
Cura Can
1133 SE 82nd Ave.
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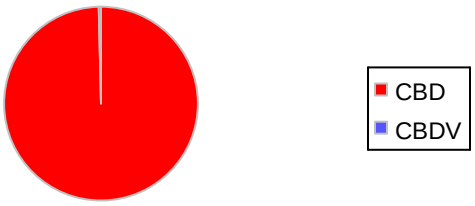
United States

Product identity: CBD Disposable Dup
Client/Metrc ID: CBD DISP 4/10
Sample Date: 04/10/18
Laboratory ID: 18-002121-0006
Grower: AG-R1046321LHH
Relinquished by: Brian Ramos
Temp: 20.8 °C
Weight Received: 6.06 g

Sample Results

Potency **Method** J AOAC 2015 V98-6 **Units** % **Batch** 1801705 **Analyze** 04/13/18 09:14

Analyte	As Received	Dry weight	LOQ	Notes
CBC†	< LOQ		0.100	
CBC-A†	< LOQ		0.100	
CBC-Total†	< LOQ		0.100	
CBD	50.5		0.100	
CBD-A	< LOQ		0.100	
CBD-Total	50.5		0.100	
CBDV†	0.188		0.100	
CBDV-A†	< LOQ		0.100	
CBDV-Total†	0.188		0.100	
CBG†	< LOQ		0.100	
CBG-A†	< LOQ		0.100	
CBG-Total†	< LOQ		0.100	
CBL†	< LOQ		0.100	
CBN	< LOQ		0.100	
D8THC†	< LOQ		0.100	
THC	< LOQ		0.100	
THC-A	< LOQ		0.100	
THC-Total	< LOQ		0.100	
THCV†	< LOQ		0.100	
THCV-A†	< LOQ		0.100	
THCV-Total†	< LOQ		0.100	



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Received: 04/10/18 13:06

Solvents **Method** EPA5021A **Units** µg/g **Batch** 1801724 **Analyze** 4/11/18 12:00:00

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		60.0			2,2-Dimethylpropane	< LOQ		2800		
2,3-Dimethylbutane	< LOQ		60.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	2.00	pass		Butanes (sum)	< LOQ	5000		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		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		2200			n-Butane	< LOQ		2200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000		pass		Propane	< LOQ	5000	1700	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ					Total Xylenes and Ethyl	< LOQ	2170		pass	

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1801740 **Analyze** 4/12/18 12:00:00

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.25	pass		Acephate	< LOQ	0.40	0.25	pass	
Acequinocyl	< LOQ	2.0	1.0	pass		Acetamiprid	< LOQ	0.20	0.10	pass	
Aldicarb	< LOQ	0.40	0.20	pass		Azoxystrobin	< LOQ	0.20	0.10	pass	
Bifenazate	< LOQ	0.20	0.10	pass		Bifenthrin	< LOQ	0.20	0.10	pass	
Boscalid	< LOQ	0.40	0.10	pass		Carbaryl	< LOQ	0.20	0.10	pass	
Carbofuran	< LOQ	0.20	0.10	pass		Chlorantraniliprol	< LOQ	0.20	0.10	pass	
Chlorfenapyr	< LOQ	1.0	0.50	pass		Chlorpyrifos	< LOQ	0.20	0.10	pass	
Clofentezine	< LOQ	0.20	0.10	pass		Cyfluthrin (incl.	< LOQ	1.0	0.50	pass	
Cypermethrin	< LOQ	1.0	0.50	pass		Daminozide	< LOQ	1.0	0.50	pass	
Diazinon	< LOQ	0.20	0.10	pass		Dichlorvos	< LOQ	1.0	0.50	pass	
Dimethoate	< LOQ	0.20	0.10	pass		Ethoprophos	< LOQ	0.20	0.10	pass	
Etofenprox	< LOQ	0.40	0.20	pass		Etoxazole	< LOQ	0.20	0.10	pass	
Fenoxycarb	< LOQ	0.20	0.10	pass		Fenpyroximate	< LOQ	0.40	0.20	pass	
Fipronil	< LOQ	0.40	0.20	pass		Flonicamid	< LOQ	1.0	0.40	pass	
Fludioxonil	< LOQ	0.40	0.20	pass		Hexythiazox	< LOQ	1.0	0.40	pass	
Imazalil	< LOQ	0.20	0.10	pass		Imidacloprid	< LOQ	0.40	0.20	pass	

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

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Received: 04/10/18 13:06

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1801740 **Analyze** 4/12/18 12:00:00

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Kresoxim-methyl	< LOQ	0.40	0.20	pass		Malathion	< LOQ	0.20	0.10	pass	
Metalaxyl	< LOQ	0.20	0.10	pass		Methiocarb	< LOQ	0.20	0.10	pass	
Methomyl	< LOQ	0.40	0.20	pass		MGK-264	< LOQ	0.20	0.10	pass	
Myclobutanil	< LOQ	0.20	0.10	pass		Naled	< LOQ	0.50	0.25	pass	
Oxamyl	< LOQ	1.0	0.50	pass		Paclobutrazole	< LOQ	0.40	0.20	pass	
Parathion-Methyl	< LOQ	0.20	0.20	pass		Permethrin	< LOQ	0.20	0.10	pass	
Phosmet	< LOQ	0.20	0.10	pass		Piperonyl butoxide	< LOQ	2.0	1.0	pass	
Prallethrin	< LOQ	0.20	0.10	pass		Propiconazole	< LOQ	0.40	0.20	pass	
Propoxur	< LOQ	0.20	0.10	pass		Pyrethrins	< LOQ	1.0	0.50	pass	
Pyridaben	< LOQ	0.20	0.10	pass		Spinosad	< LOQ	0.20	0.10	pass	
Spiromesifen	< LOQ	0.20	0.10	pass		Spirotetramat	< LOQ	0.20	0.10	pass	
Spiroxamine	< LOQ	0.40	0.20	pass		Tebuconazole	< LOQ	0.40	0.20	pass	
Thiacloprid	< LOQ	0.20	0.10	pass		Thiamethoxam	< LOQ	0.20	0.10	pass	
Trifloxystrobin	< LOQ	0.20	0.10	pass							

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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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.

Glossary of Qualifiers

† = Analyte not NELAP accredited.

Units of Measure

g = Gram
µg/g = Microgram per gram
mg/kg = Milligram per kilogram
% = 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
Phone: (503)254-1794 Fax: (503)254-1452

Cannabis Chain of Custody Record

PIXIS Labs
Member of Tentamus
ORELAP ID: OR100028
OLCC license #: 1003224D558

Client Information		Purchase Order:	
Company:	Cura CS	Project #:	18-002121
Contact:	Mychal Cohn	Project ID:	18-002121
Address:	115 SE YAMHILL ST, PORTLAND OR	☒	- Send to State (METRC) &/or OHA
Email:	nickt@curacan.com / labs@curacan.com	☒	- Email Final Results:
Phone:	(503)841-0112 Fax:		
Processor's License:	AG-R1046321LHH	Bill to email/address:	

Sample #	Pixis Sample ID	Lot#/Metrc Tag ID#	Matrix	Product/Strain Name	Date Sampled	Sample Weight (g)	Potency	Pesticide	Residual Solvents	Ext. Cannabinoids	Terpenes	Microbiology			Comments
1	18-002121-0001	CBD ISO Batch U 4/10	Extract	CBD Isolate Primary	4/10/2018	6.00	✓	✓	✓						
2	18-002121-0002	CBD ISO Batch U 4/10	Extract	CBD Isolate Dup	4/10/2018	6.00	✓	✓	✓						
3	18-002121-0003	CBD Tincture 4/10	Tincture	CBD Tincture Primary	4/10/2018	16.16	✓	✓	✓						
4	18-002121-0004	CBD Tincture 4/10	Tincture	CBD Tincture Dup	4/10/2018	16.16	✓	✓	✓						
5	18-002121-0005	CBD DISP 4/10	Extract	CBD Disposable Primary	4/10/2018	6.18	✓	✓	✓						
6	18-002121-0006	CBD DISP 4/10	Extract	CBD Disposable Dup	4/10/2018	6.06	✓	✓	✓						

Collected By:	Relinquished By:	Date	Time	Received By:	Date	Time	Labs Use Only:
☐ Standard 5 day		4/10	10:45		4.10.18	1040	Client Alias:
☒ Rush (1.5 x Standard)		4.10.18	1306		04.10.18	1306	Order Number:
☐ Priority Rush (2 x Standard)							☒ Proper Container
Ask About Availability							☒ Sample Condition
							☒ Temperature: °C 20.8
							☒ Shipped Via: Courier
							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 LAST PAGE OF THIS FORM

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
Phone: (503)254-1794 Fax: (503)254-1452

Cannabis Chain of Custody Record

PIXIS Labs
Member of Tentamus
ORELAP ID: OR100028
OLCC license #: 1003224D558

Chain of Custody Instructions	
REPORT ATTENTION -	Name of the person who receives the labs report
CUSTOMER NAME -	Name of the company or individual requesting the analysis.
MAILING ADDRESS -	Address of the customer to which the labs report and billings should be sent.
REPORT INSTRUCTIONS -	A brief description of any special mail or transmittal instruction or address information pertaining to extra report copies.
PROJECT NAME -	Applies to customer project name.
PROJECT NUMBER -	Applies only to samples submitted by the customer for its internal identification purposes.
REPORTING REQUEST STATE COMPLIANCE	Applies to all samples MUST BE CHECKED FOR ALL COMPLIANCE WORK REQUESTED for reporting to METRC
SAMPLE ID -	A short description of the sample point and material to be analyzed. This description will appear on the report.
COLLECTION DATE -	The date on which the sample(s) was/were collected.
COLLECTION TIME -	The time at which the sample(s) was/were collected.
MEDIA -	This is a description of the sample media (e.g., drinking water, waste water, soil, etc.)
ANALYSIS REQUESTED -	Use one line for each analysis or group of analyses associated to a specific bottle or container.
SAMPLE COLLECTED BY -	The person who collected the sample(s) signs here.
RELINQUISHED BY -	The sampler signs this box when he/she gives the sample to someone else, and then fills in the date/time the sample left his/her possession, etc.
RECEIVED BY -	The person who receives the sample(s) signs here and fills in the date/time received. The date and time should be same as "Relinquished by" unless the sample(s) was shipped.
JOB OR SAMPLE REMARKS -	General sample or job remarks such as high concentrations, or hazardous content.
AUTHORIZED CUSTOMER SIGNATURE -	Form must be signed by authorized representative of customer.

TERMS AND CONDITION

SPRICING AND CHARGES - Prices to be charged for work performed for CUSTOMER are those currently published in the PIXIS LABS, LLC (PIXIS) standard price book unless otherwise agreed in writing by the CUSTOMER and PIXIS. CUSTOMER must notify PIXIS of price quotation at the time of the transfer of sample(s) to PIXIS. 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.

DELIVERY AND LIABILITY LIMITATIONS The specific format of the goods will be defined by CUSTOMER to PIXIS upon delivery of the sample(s) to PIXIS. PIXIS will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the PIXIS 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.

CONFIDENTIALITY - PIXIS will use its best efforts to 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

PIXIS gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of PIXIS 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 past 60 days will incur 1½% per month on all sums past due until paid in full. Customer agrees to pay the interest as a service charge and all of PIXIS'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 PIXIS, 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 PIXIS.

ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing of reporting of PIXIS 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 PIXIS for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon.

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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

PIXIS Labs

Sampling Record/Field Data

150-18-845_R5
Revision Date: 02/21/17
Effective date: 09/20/16

Processor/Client: Cura C5
Location: 115 SE YAMHILL ST, PORTLAND OR
OLCC License#: AG-R1046321LHH
Requester: Mychal Cohn
SOP: Extracts and Concentrate Sampling SOPR1.0_101716

Date: 4/10/2018
Sampler: Brian Ramos
Sampling Event/Project ID: 18-002121
Balance ID: B-21
Thermometer ID: CFL-000494

Weight Used (g)	Serial #	Acceptance Limits	Initial Measured	Initial Result	Final Measured	Final Result
0.10	CFL-000141	(+/-10%):	0.09	Acceptable	0.09	Acceptable
50.00	CFL-000048	(+/-0.5%):	50.00	Acceptable	50.00	Acceptable

Container type	Batch #,Lot # or METRC ID		Product type	Strain ID	Harvest/Prod Date		Batch size (lbs.)	
Glass Jar	CBD ISO Batch U 4/10		Extract	CBD Isolate Primary	4/9/2018		2.20	
	Product Temp ©	# of containers	# of increments	primary sample (ml)				
	18.6	1	6	1.00				

Increment Log

Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrcID
18-002121-0001	10ml Vial	CBD Iso Batch U 4/10	b2	26.29	1.0	27.29	1.00	
18-002121-0001	10ml Vial	CBD Iso Batch U 4/10	t1		1.0		1.00	
18-002121-0001	10ml Vial	CBD Iso Batch U 4/10	b3		1.0		1.00	
18-002121-0001	10ml Vial	CBD Iso Batch U 4/10	m1		1.0		1.00	
18-002121-0001	10ml Vial	CBD Iso Batch U 4/10	t3		1.0		1.00	
18-002121-0001	10ml Vial	CBD Iso Batch U 4/10	t2		1.0		1.00	
Totals					6.0		6.00	

Observations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors	Shape & Size	Plan or Procedure
Note any inconsistencies or abnormalities	No	No	No	No	No	No	No

Comments:

Container type	Batch #,Lot # or METRC ID		Product type	Strain ID	Harvest/Prod Date		Batch size (lbs.)	
Glass Jar	CBD ISO Batch U 4/10		Extract	CBD Isolate Dup	4/9/2018		2.20	
	Product Temp ©	# of containers	# of increments	primary sample (ml)				
	18.6	1	6	1.00				

Increment Log

Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrcID
18-002121-0002	10ml Vial	CBD Iso Batch U 4/10	m2	26.81	1.0	27.81	1.00	
18-002121-0002	10ml Vial	CBD Iso Batch U 4/10	b2		1.0		1.00	
18-002121-0002	10ml Vial	CBD Iso Batch U 4/10	t1		1.0		1.00	
18-002121-0002	10ml Vial	CBD Iso Batch U 4/10	b3		1.0		1.00	
18-002121-0002	10ml Vial	CBD Iso Batch U 4/10	m2		1.0		1.00	
18-002121-0002	10ml Vial	CBD Iso Batch U 4/10	b4		1.0		1.00	
Totals					6.0		6.00	

Observations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors	Shape & Size	Plan or Procedure
Note any inconsistencies or abnormalities	No	No	No	No	No	No	No

Comments:

Container type	Batch #,Lot # or METRC ID		Product type	Strain ID	Harvest/Prod Date		Batch size (lbs.)	
Glass Jar	CBD Tincture 4/10		Tincture	CBD Tincture Primary	4/9/2018		44.58	
	Product Temp ©	# of containers	# of increments	primary sample (ml)				
	18.3	1	16	1.00				

Increment Log

Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrcID
18-002121-0003	10ml Vial	CBD Tincture 4/10	b3	26.73	1.0	27.74	1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	m3		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	t2		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	t2		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	t2		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	b1		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	t4		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	b1		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	m2		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	t2		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	t3		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	m1		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	m1		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	b2		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	m4		1.0		1.01	
18-002121-0003	10ml Vial	CBD Tincture 4/10	b4		1.0		1.01	
Totals					16.0		16.16	

Observations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors	Shape & Size	Plan or Procedure
Note any inconsistencies or abnormalities	No	No	No	No	No	No	No

Comments:

Container type	Batch #,Lot # or METRC ID		Product type	Strain ID	Harvest/Prod Date		Batch size (lbs.)	
Glass Jar	CBD Tincture 4/10		Tincture	CBD Tincture Dup	4/9/2018		44.58	
	Product Temp ©	# of containers	# of increments	primary sample (ml)				
	18.3	1	16	1.00				

Increment Log

Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrcID
18-002121-0004	10ml Vial	CBD Tincture 4/10	t2	26.10	1.0	27.11	1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	t4		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	t4		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	m4		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	t3		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	t3		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	b3		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	m1		1.0		1.01	

OLCC license #: 1003224D558
ORELAP#: OR100028

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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:	18-002121
Report Date:	04/13/2018
Report#:	038589-00
ORELAP#:	OR100028
Purchase Order:	
Received:	04/10/18 13:06

PIXIS Labs

Sampling Record/Field Data

150-18-B45_R5
Revision Date: 02/21/17
Effective date: 09/20/16

Processor/Client: Cura CS
Location: 115 SE YAMHILL ST, PORTLAND OR
OLCC License#: AG-R1046321LHH
Requester: Mychal Cohn
SOP: Extracts and Concentrate Sampling SOPR1.0_101716

Date: 4/10/2018
Sampler: Brian Ramos
Sampling Event/Project ID: 18-002121
Balance ID: B-21
Thermometer ID: CFL-000494

Weight Used (g)	Serial #	Acceptance Limits	Initial Measured	Initial Result	Final Measured	Final Result
0.10	CFL-000141	(+/-10%):	0.09	Acceptable	0.09	Acceptable
50.00	CFL-000048	(+/-0.5%):	50.00	Acceptable	50.00	Acceptable

18-002121-0004	10ml Vial	CBD Tincture 4/10	b4		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	m4		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	b2		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	m1		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	t2		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	b4		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	m2		1.0		1.01	
18-002121-0004	10ml Vial	CBD Tincture 4/10	t1		1.0		1.01	
Totals					16.0		16.16	

Observations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors	Shape & Size	Plan or Procedure
Note any inconsistencies or abnormalities	No	No	No	No	No	No	No

Comments:

Container type	Batch #,Lot # or METRC ID	Product type	Strain ID	Harvest/Prod Date		Batch size (lbs.)	
Glass Jar	CBD DISP 4/10	Extract	CBD Disposable Primary	4/9/2018		1.72	

Product Temp ©	# of containers	# of increments	primary sample (ml)
19.6	1	6	1.00

Increment Log

Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrcID
18-002121-0005	10ml Vial	CBD DISP 4/10	t4	11.12	1.0	12.15	1.03	
18-002121-0005	10ml Vial	CBD DISP 4/10	m3		1.0		1.03	
18-002121-0005	10ml Vial	CBD DISP 4/10	t3		1.0		1.03	
18-002121-0005	10ml Vial	CBD DISP 4/10	b4		1.0		1.03	
18-002121-0005	10ml Vial	CBD DISP 4/10	m4		1.0		1.03	
18-002121-0005	10ml Vial	CBD DISP 4/10	m2		1.0		1.03	
Totals					6.0		6.18	

Observations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors	Shape & Size	Plan or Procedure
Note any inconsistencies or abnormalities	No	No	No	No	No	No	No

Comments:

Container type	Batch #,Lot # or METRC ID	Product type	Strain ID	Harvest/Prod Date		Batch size (lbs.)	
Glass Jar	CBD DISP 4/10	Extract	CBD Disposable Dup	4/9/2018		1.72	

Product Temp ©	# of containers	# of increments	primary sample (ml)
19.6	1	6	1.00

Increment Log

Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrcID
18-002121-0006	10ml Vial	CBD DISP 4/10	b3	11.09	1.0	12.10	1.01	
18-002121-0006	10ml Vial	CBD DISP 4/10	t2		1.0		1.01	
18-002121-0006	10ml Vial	CBD DISP 4/10	b4		1.0		1.01	
18-002121-0006	10ml Vial	CBD DISP 4/10	m4		1.0		1.01	
18-002121-0006	10ml Vial	CBD DISP 4/10	b1		1.0		1.01	
18-002121-0006	10ml Vial	CBD DISP 4/10	m1		1.0		1.01	
Totals					6.0		6.06	

Observations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors	Shape & Size	Plan or Procedure
Note any inconsistencies or abnormalities	No	No	No	No	No	No	No

Comments:

Sampled By: BCB
Date: 4.10.18
Time: 1040

Accepted By: Brian Ramos
Date: 4/10/18
Time: 16:42

OLCC license #: 1003224D558
ORELAP#: OR100028

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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:	18-002121
Report Date:	04/13/2018
Report#:	038589-00
ORELAP#:	OR100028
Purchase Order:	
Received:	04/10/18 13:06

Statistical Analysis:
CBD Disposable

Potency

	Analysis (%)						
	CBD	CBD-A	CBD-Total	CBN	THC	THC-A	THC-Total
18-002121-0005	51.8	0.000	51.8	0.000	0.000	0.000	0.000
18-002121-0006	50.5	0.000	50.5	0.000	0.000	0.000	0.000
Average %	51.2	0.000	51.2	0.000	0.000	0.000	0.000
Stdev	0.6	0.0	0.6	0.0	0.0	0.0	0.0
%RPD	2.5%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%
Pass/Fail (<20%RPD)	n/a	n/a	n/a	n/a	n/a	n/a	Pass

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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

Laboratory Quality Control Results

EPA 5021 **Batch ID:** 1801724

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Accept/Fail	Notes
Propane	1810		1940.00	µg/g	93.3	70 - 130	Acceptable	
Isobutane	2380		2510.00	µg/g	94.8	70 - 130	Acceptable	
n-Butane	2350		2510.00	µg/g	93.6	70 - 130	Acceptable	
neo-pentane	2970		3190.00	µg/g	93.1	70 - 130	Acceptable	
Methanol	2390		2350.00	µg/g	101.7	70 - 130	Acceptable	
Ethylene Oxide	171		192.00	µg/g	89.1	70 - 130	Acceptable	
Isopentane	2420		2360.00	µg/g	102.5	70 - 130	Acceptable	
Pentane	2470		2360.00	µg/g	104.7	70 - 130	Acceptable	
Ethyl Ether	2690		2540.00	µg/g	105.9	70 - 130	Acceptable	
2,2-Dimethylbutane	776		719.00	µg/g	107.9	70 - 130	Acceptable	
Acetone	2600		2440.00	µg/g	106.6	70 - 130	Acceptable	
2-Propanol	2540		2410.00	µg/g	105.4	70 - 130	Acceptable	
Acetonitrile	913		940.00	µg/g	97.1	70 - 130	Acceptable	
2,3-Dimethylbutane	596		599.00	µg/g	99.5	70 - 130	Acceptable	
Dichloromethane	1500		1420.00	µg/g	105.6	70 - 130	Acceptable	
2-methyl Pentane	396		361.00	µg/g	109.7	70 - 130	Acceptable	
3-methyl Pentane	300		288.00	µg/g	104.2	70 - 130	Acceptable	
Hexane	350		334.00	µg/g	104.8	70 - 130	Acceptable	
Ethyl Acetate	2560		2510.00	µg/g	102.0	70 - 130	Acceptable	
2-Butanol	2500		2410.00	µg/g	103.7	70 - 130	Acceptable	
Tetrahydrofuran	1050		1010.00	µg/g	104.0	70 - 130	Acceptable	
Cyclohexane	2750		2490.00	µg/g	110.4	70 - 130	Acceptable	
Benzene	57.1		51.70	µg/g	110.4	70 - 130	Acceptable	
Isopropyl acetate	2650		2450.00	µg/g	108.2	70 - 130	Acceptable	
Heptane	2660		2450.00	µg/g	108.6	70 - 130	Acceptable	
1,4-Dioxane	1100		986.00	µg/g	111.6	70 - 130	Acceptable	
2-Ethoxyethanol	300		282.00	µg/g	106.4	70 - 130	Acceptable	
Toluene	1030		948.00	µg/g	108.6	70 - 130	Acceptable	
Ethylene glycol	2890		2440.00	µg/g	118.4	70 - 130	Acceptable	
Ethylbenzene	2550		2370.00	µg/g	107.6	70 - 130	Acceptable	
m,p-Xylene	2140		1960.00	µg/g	109.2	70 - 130	Acceptable	
o-Xylene	2120		1920.00	µg/g	110.4	70 - 130	Acceptable	
Cumene	337		308.00	µg/g	109.4	70 - 130	Acceptable	

QC - Method Blank

Analyte	Result		LOQ	Units		Limit	Accept/Fail	Notes
Propane	ND		1700.0	µg/g		< 1700.0	Acceptable	
Isobutane	ND		2200.0	µg/g		< 2200.0	Acceptable	
n-Butane	ND		2200.0	µg/g		< 2200.0	Acceptable	
neo-pentane	ND		2800.0	µg/g		< 2800.0	Acceptable	
Methanol	ND		200.0	µg/g		< 200.0	Acceptable	
Ethylene Oxide	ND		30.0	µg/g		< 30.00	Acceptable	
Isopentane	ND		200.0	µg/g		< 200.0	Acceptable	
Pentane	ND		200.0	µg/g		< 200.0	Acceptable	
Ethyl Ether	ND		200.0	µg/g		< 200.0	Acceptable	
2,2-Dimethylbutane	ND		60.0	µg/g		< 60.0	Acceptable	
Acetone	ND		200.0	µg/g		< 200.0	Acceptable	
2-Propanol	ND		200.0	µg/g		< 200.0	Acceptable	
Acetonitrile	ND		100.0	µg/g		< 100.0	Acceptable	
2,3-Dimethylbutane	ND		60.0	µg/g		< 60.0	Acceptable	
Dichloromethane	ND		200.0	µg/g		< 200.0	Acceptable	
2-methyl Pentane	ND		30.0	µg/g		< 30.0	Acceptable	
3-methyl Pentane	ND		30.0	µg/g		< 30.0	Acceptable	
Hexane	ND		30.0	µg/g		< 30.0	Acceptable	
Ethyl Acetate	ND		200.0	µg/g		< 200.0	Acceptable	
2-Butanol	ND		200.0	µg/g		< 200.0	Acceptable	
Tetrahydrofuran	ND		100.0	µg/g		< 100.0	Acceptable	
Cyclohexane	ND		200.0	µg/g		< 200.0	Acceptable	
Benzene	ND		2.0	µg/g		< 2.0	Acceptable	
Isopropyl acetate	ND		200.0	µg/g		< 200.0	Acceptable	
Heptane	ND		200.0	µg/g		< 200.0	Acceptable	
1,4-Dioxane	ND		100.0	µg/g		< 100.0	Acceptable	
2-Ethoxyethanol	ND		30.0	µg/g		< 30.0	Acceptable	
Toluene	ND		100.0	µg/g		< 100.0	Acceptable	
Ethylene glycol	ND		200.0	µg/g		< 200.0	Acceptable	
Ethylbenzene	ND		200.0	µg/g		< 200.0	Acceptable	
m,p-Xylene	ND		200.0	µg/g		< 200.0	Acceptable	
o-Xylene	ND		200.0	µg/g		< 200.0	Acceptable	
Cumene	ND		30.0	µg/g		< 30.0	Acceptable	

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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

QC - Sample Duplicate **Sample ID: 18-2121-01**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	1700.0	µg/g	0.0	< 20.0	Acceptable	
Isobutane	ND	ND	2200.0	µg/g	0.0	< 20.0	Acceptable	
n-Butane	ND	ND	2200.0	µg/g	0.0	< 20.0	Acceptable	
neo-pentane	ND	ND	2800.0	µg/g	0.0	< 20.0	Acceptable	
Methanol	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Ethylene Oxide	ND	ND	30.0	µg/g	0.0	< 20.0	Acceptable	
Isopentane	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Pentane	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Ethyl Ether	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
2,2-Dimethylbutane	ND	ND	60.0	µg/g	0.0	< 20.0	Acceptable	
Acetone	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
2-Propanol	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Acetonitrile	ND	ND	100.0	µg/g	0.0	< 20.0	Acceptable	
2,3-Dimethylbutane	ND	ND	60.0	µg/g	0.0	< 20.0	Acceptable	
Dichloromethane	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
2-methyl Pentane	ND	ND	30.0	µg/g	0.0	< 20.0	Acceptable	
3-methyl Pentane	ND	ND	30.0	µg/g	0.0	< 20.0	Acceptable	
Hexane	ND	ND	30.0	µg/g	0.0	< 20.0	Acceptable	
Ethyl Acetate	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
2-Butanol	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Tetrahydrofuran	ND	ND	100.0	µg/g	0.0	< 20.0	Acceptable	
Cyclohexane	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Benzene	ND	ND	2.0	µg/g	0.0	< 20.0	Acceptable	
Isopropyl acetate	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Heptane	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
1,4-Dioxane	ND	ND	100.0	µg/g	0.0	< 20.0	Acceptable	
2-Ethoxyethanol	ND	ND	30.0	µg/g	0.0	< 20.0	Acceptable	
Toluene	ND	ND	100.0	µg/g	0.0	< 20.0	Acceptable	
Ethylene glycol	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Ethylbenzene	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
m,p-Xylene	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
o-Xylene	ND	ND	200.0	µg/g	0.0	< 20.0	Acceptable	
Cumene	ND	ND	30.0	µg/g	0.0	< 20.0	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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 1801740		
Method Blank				Laboratory Control Sample				
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	ND	< 0.200		0.983	1.000	98.3	70 - 130	
Acequinocyl	ND	< 1.000		4.500	4.000	112.5	70 - 130	
Acetamiprid	ND	< 0.100		0.385	0.400	96.3	70 - 130	
Aldicarb	ND	< 0.200		0.859	0.800	107.4	70 - 130	
Abamectin	ND	< 0.288		1.020	1.000	102.0	70 - 130	
Azoxystrobin	ND	< 0.100		0.407	0.400	101.8	70 - 130	
Bifenazate	ND	< 0.100		0.418	0.400	104.5	70 - 130	
Bifenthrin	ND	< 0.100		0.448	0.400	112.0	70 - 130	
Boscalid	ND	< 0.100		0.798	0.800	99.8	70 - 130	
Carbaryl	ND	< 0.100		0.397	0.400	99.3	70 - 130	
Carbofuran	ND	< 0.100		0.375	0.400	93.8	70 - 130	
Chlorantraniliprol	ND	< 0.100		0.396	0.400	99.0	70 - 130	
Chlorfenapyr	ND	< 1.000		1.770	2.000	88.5	70 - 130	
Chlorpyrifos	ND	< 0.100		0.414	0.400	103.5	70 - 130	
Clofentezine	ND	< 0.100		0.482	0.400	120.5	70 - 130	
Cyfluthrin	ND	< 1.000		2.000	2.000	100.0	30 - 150	
Cypermethrin	ND	< 1.000		2.020	2.000	101.0	70 - 130	
Daminozide	ND	< 1.000		1.850	2.000	92.5	30 - 150	
Diazinon	ND	< 0.100		0.405	0.400	101.3	70 - 130	
Dichlorvos	ND	< 0.500		1.780	2.000	89.0	70 - 130	
Dimethoat	ND	< 0.100		0.406	0.400	101.5	70 - 130	
Ethoprophos	ND	< 0.100		0.403	0.400	100.8	70 - 130	
Etofenprox	ND	< 0.100		0.815	0.800	101.9	70 - 130	
Etoxazol	ND	< 0.100		0.389	0.400	97.3	70 - 130	
Fenoxycarb	ND	< 0.100		0.409	0.400	102.3	70 - 130	
Fenpyroximat	ND	< 0.100		0.785	0.800	98.1	70 - 130	
Fipronil	ND	< 0.100		0.832	0.800	104.0	70 - 130	
Flonicamid	ND	< 0.400		0.882	1.000	88.2	70 - 130	
Fludioxonil	ND	< 0.100		0.876	0.800	109.5	70 - 130	
Hexythiazox	ND	< 0.400		1.040	1.000	104.0	70 - 130	
Imazalil	ND	< 0.100		0.379	0.400	94.8	70 - 130	
Imidacloprid	ND	< 0.200		0.748	0.800	93.5	70 - 130	
Kresoxim-Methyl	ND	< 0.100		0.807	0.800	100.9	70 - 130	
Malathion	ND	< 0.100		0.410	0.400	102.5	70 - 130	
Metalaxyl	ND	< 0.100		0.409	0.400	102.3	70 - 130	
Methiocarb	ND	< 0.100		0.433	0.400	108.3	70 - 130	
Methomyl	ND	< 0.200		0.855	0.800	106.9	70 - 130	
MGK 264	ND	< 0.100		0.366	0.400	91.5	70 - 130	
Myclobutanil	ND	< 0.100		0.378	0.400	94.5	70 - 130	
Naled	ND	< 0.200		1.110	1.000	111.0	70 - 130	
Oxamyl	ND	< 0.400		2.060	2.000	103.0	70 - 130	
Paclobutrazol	ND	< 0.200		0.807	0.800	100.9	70 - 130	
Parathion Methyl	ND	< 0.200		0.806	0.800	100.8	30 - 150	
Permethrin	ND	< 0.100		0.406	0.400	101.5	70 - 130	
Phosmet	ND	< 0.100		0.426	0.400	106.5	70 - 130	
Piperonyl butoxide	ND	< 1.000		2.080	2.000	104.0	70 - 130	
Prallethrin	ND	< 0.200		0.191	0.200	95.5	70 - 130	
Propiconazole	ND	< 0.200		0.773	0.800	96.6	70 - 130	
Propoxur	ND	< 0.100		0.379	0.400	94.8	70 - 130	
Pyrethrins	ND	< 0.500		0.701	0.666	105.3	70 - 130	
Pyridaben	ND	< 0.100		0.412	0.400	103.0	70 - 130	
Spinosad	ND	< 0.100		0.444	0.388	114.4	70 - 130	
Spiromesifen	ND	< 0.100		0.391	0.400	97.8	70 - 130	
Spirotetramat	ND	< 0.100		0.390	0.400	97.5	70 - 130	
Spiroxamine	ND	< 0.100		0.788	0.800	98.5	70 - 130	
Tebuconazol	ND	< 0.200		0.844	0.800	105.5	70 - 130	
Thiacloprid	ND	< 0.100		0.394	0.400	98.5	70 - 130	
Thiamethoxam	ND	< 0.100		0.333	0.400	83.3	70 - 130	
Trifloxystrobin	ND	< 0.100		0.391	0.400	97.8	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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 | **Units:** mg/Kg | **Batch ID:** 1801740

Matrix Spike/Matrix Spike Duplicate Recoveries | **Sample ID:** 18-002122-0002

Analyte	Result	MS Res	MSD Res	Spike	RPD%		MS % Rec	MSD % Rec	Limits	Notes
Acephate	0.073	1.060	1.070	1.000	0.9	< 30	98.8	99.8	50 - 150	
Acequinocyl	0.778	5.170	5.140	4.000	0.6	< 30	109.8	109.1	50 - 150	
Acetamiprid	0.002	0.390	0.400	0.400	2.5	< 30	97.1	99.6	50 - 150	
Aldicarb	0.000	0.906	0.876	0.800	3.4	< 30	113.3	109.5	50 - 150	
Abamectin	0.000	0.803	0.827	1.000	2.9	< 30	80.3	82.7	50 - 150	
Azoxystrobin	0.009	0.316	0.311	0.400	1.6	< 30	76.8	75.5	50 - 150	
Bifenazate	0.000	0.408	0.424	0.400	3.8	< 30	102.0	106.0	50 - 150	
Bifenthrin	0.000	0.166	0.165	0.400	0.6	< 30	***41.5***	***41.3***	50 - 150	Q
Boscalid	0.000	0.746	0.768	0.800	2.9	< 30	93.3	96.0	50 - 150	
Carbaryl	0.000	0.397	0.400	0.400	0.8	< 30	99.3	100.0	50 - 150	
Carbofuran	0.003	0.376	0.375	0.400	0.3	< 30	93.2	93.0	50 - 150	
Chlorantraniliprol	0.000	0.409	0.419	0.400	2.4	< 30	102.3	104.8	50 - 150	
Chlorfenapyr	0.000	1.660	1.850	2.000	10.8	< 30	83.0	92.5	50 - 150	
Chlorpyrifos	0.017	0.403	0.405	0.400	0.5	< 30	96.6	97.1	50 - 150	
Clofentezine	0.003	0.468	0.469	0.400	0.2	< 30	116.2	116.4	50 - 150	
Cyfluthrin	0.037	1.280	1.320	2.000	3.1	< 30	62.2	64.2	30 - 150	
Cypermethrin	0.020	1.750	1.750	2.000	0.0	< 30	86.5	86.5	50 - 150	
Daminozide	0.073	2.000	2.050	2.000	2.5	< 30	96.4	98.9	30 - 150	
Diazinon	0.000	0.398	0.399	0.400	0.3	< 30	99.5	99.8	50 - 150	
Dichlorvos	0.000	1.830	1.720	2.000	6.2	< 30	91.5	86.0	50 - 150	
Dimethoat	0.000	0.409	0.411	0.400	0.5	< 30	102.3	102.8	50 - 150	
Ethoprophos	0.011	0.379	0.410	0.400	7.9	< 30	91.9	99.7	50 - 150	
Etofenprox	0.012	0.810	0.822	0.800	1.5	< 30	99.8	101.3	50 - 150	
Etoxazol	0.009	0.366	0.368	0.400	0.5	< 30	89.4	89.9	50 - 150	
Fenoxycarb	0.000	0.409	0.403	0.400	1.5	< 30	102.3	100.8	50 - 150	
Fenpyroximat	0.017	0.900	0.891	0.800	1.0	< 30	110.3	109.2	50 - 150	
Fipronil	0.000	0.791	0.777	0.800	1.8	< 30	98.9	97.1	50 - 150	
Flonicamid	0.000	0.965	0.970	1.000	0.5	< 30	96.5	97.0	50 - 150	
Fludioxonil	0.005	0.910	0.878	0.800	3.6	< 30	113.1	109.1	50 - 150	
Hexythiazox	0.023	0.812	0.772	1.000	5.1	< 30	78.9	74.9	50 - 150	
Imazalil	0.018	0.437	0.403	0.400	8.1	< 30	104.7	96.2	50 - 150	
Imidacloprid	0.000	0.688	0.627	0.800	9.3	< 30	86.0	78.4	50 - 150	
Kresoxim-Methyl	0.000	0.777	0.768	0.800	1.2	< 30	97.1	96.0	50 - 150	
Malathion	0.006	0.398	0.392	0.400	1.5	< 30	98.0	96.5	50 - 150	
Metalaxyl	0.000	0.420	0.404	0.400	3.9	< 30	105.0	101.0	50 - 150	
Methiocarb	0.000	0.416	0.401	0.400	3.7	< 30	104.0	100.3	50 - 150	
Methomyl	0.009	0.886	0.902	0.800	1.8	< 30	109.6	111.6	50 - 150	
MGK 264	0.001	0.420	0.435	0.400	3.5	< 30	104.9	108.6	50 - 150	
Myclobutanil	0.000	0.383	0.390	0.400	1.8	< 30	95.8	97.5	50 - 150	
Naled	0.000	1.060	1.000	1.000	5.8	< 30	106.0	100.0	50 - 150	
Oxamyl	0.000	2.050	2.120	2.000	3.4	< 30	102.5	106.0	50 - 150	
Paclobutrazol	0.024	0.802	0.809	0.800	0.9	< 30	97.3	98.2	50 - 150	
Parathion Methyl	0.022	0.797	0.871	0.800	8.9	< 30	96.9	106.1	30 - 150	
Permethrin	0.000	0.349	0.358	0.400	2.5	< 30	87.3	89.5	50 - 150	
Phosmet	0.000	0.446	0.430	0.400	3.7	< 30	111.5	107.5	50 - 150	
Piperonyl butoxide	0.019	1.890	1.890	2.000	0.0	< 30	93.6	93.6	50 - 150	
Prallethrin	0.000	0.179	0.198	0.200	10.1	< 30	89.5	99.0	50 - 150	
Propiconazole	0.000	0.793	0.807	0.800	1.8	< 30	99.1	100.9	50 - 150	
Propoxur	0.000	0.393	0.396	0.400	0.8	< 30	98.1	98.9	50 - 150	
Pyrethrins	0.044	0.772	0.791	0.666	2.4	< 30	109.3	112.2	50 - 150	
Pyridaben	0.009	0.341	0.341	0.400	0.0	< 30	83.0	83.0	50 - 150	
Spinosad	0.000	0.430	0.435	0.388	1.2	< 30	110.8	112.1	50 - 150	
Spiromesifen	0.001	0.394	0.373	0.400	5.5	< 30	98.3	93.1	50 - 150	
Spirotetramat	0.000	0.442	0.444	0.400	0.5	< 30	110.5	111.0	50 - 150	
Spiroxamine	0.029	0.789	0.796	0.800	0.9	< 30	95.0	95.9	50 - 150	
Tebuconazol	0.000	0.826	0.901	0.800	8.7	< 30	103.3	112.6	50 - 150	
Thiacloprid	0.000	0.398	0.393	0.400	1.3	< 30	99.5	98.3	50 - 150	
Thiamethoxam	0.007	0.385	0.396	0.400	2.8	< 30	94.6	97.3	50 - 150	
Trifloxystrobin	0.016	0.409	0.418	0.400	1.5	< 30	98.3	100.6	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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 1801705**

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.182		0.2	%	91.0	85 - 115	Acceptable	
CBDV	0.191		0.2	%	95.5	85 - 115	Acceptable	
CBD-A	0.190		0.2	%	95.0	85 - 115	Acceptable	
CBG-A	0.197		0.2	%	98.5	85 - 115	Acceptable	
CBG	0.186		0.2	%	93.0	85 - 115	Acceptable	
CBD	0.182		0.2	%	91.0	85 - 115	Acceptable	
THCV	0.192		0.2	%	96.0	85 - 115	Acceptable	
THCVA	0.192		0.2	%	96.0	85 - 115	Acceptable	
CBN	0.176		0.2	%	88.0	85 - 115	Acceptable	
THC	0.176		0.2	%	88.0	85 - 115	Acceptable	
D8THC	0.198		0.2	%	99.0	85 - 115	Acceptable	
CBL	0.177		0.2	%	88.5	85 - 115	Acceptable	
CBC	0.195		0.2	%	97.5	85 - 115	Acceptable	
THCA	0.183		0.2	%	91.5	85 - 115	Acceptable	
CBCA	0.192		0.2	%	96.0	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: 18-002121
Report Date: 04/13/2018
Report#: 038589-00
ORELAP#: OR100028
Purchase Order:
Received: 04/10/18 13:06

J AOAC 2015 V98-6					Batch ID: 1801705			
Sample Duplicate					Sample ID: **18-002121-0001**			
Analyte	**Result**	**Org. Result**	**LOQ**	**Units**	**RPD**	**Limits**	**Evaluation**	**Notes**
CBDV-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBDV	0.429	0.399	0.1	%	3.62	< 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	111	102	0.1	%	4.23	< 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

PIXIS Labs
A Tentamus Company

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

Job Number:	18-002121
Report Date:	04/13/2018
Report#:	038589-00
ORELAP#:	OR100028
Purchase Order:	
Received:	04/10/18 13:06

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