



Job Number:	19-003069
Report Number:	19-003069-00
Report Date:	04/05/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	03/22/19 12:18

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(Reported in milligrams per serving)

Customer:	Cura Wellness 3931 NE Colu Portland Oreg United States	mbia Blvd				Received:	03/22/19 12:18	
Product identity: Laboratory ID:	Select Vape Gr 19-003069-001	•	mary	Client/Me Sample E		03/22/19 12:00	0	
Summary Potency:								
Analyte CBD	Result 49.3	Limits	Units %	LOQ 0.846		al per (%)	49.3 %	
Analyte per 0.003ml CBD per 0g	Result 1.48	Limits	Units mg/0.003ml	LOQ 0.0033	CBD-To	al per serving	1.48 mg/0.003ml	
Analyte per \$") a ` CBD per 0.5ml	Result 247	Limits	Units mg/0.5ml	LOQ 0.487	CBD-To = = = = = = Delta 9- ⁻	tal per container =	247 mg/0.5ml = = = = = = = = = = = = = = = = = = =	

Serving size: 0.003ml

Servings per container: 150

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

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Customer:	Cura Wellness 3931 NE Columbia Blvd Portland Oregon 97211 United States
Product identity:	Select Vape Grapefruit Primary
Client/Metrc ID:	
Sample Date:	03/22/19 12:00
Laboratory ID:	19-003069-0017
Relinquished by:	Brian Ramos
Temp:	20.6 °C
Grower:	AG-R1046321LHH
Weight Received:	8 g
Serving Size #1:	0.003 g
Serving Size #2:	0.05 g

Sample Results

Potency			Batch: 1902	2522			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
CBC-A [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
CBC-Total [†]	< LOQ		%	0.188	03/28/19	J AOAC 2015 V98-6	
CBD	49.3		%	0.846	03/25/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
CBD-Total	49.3		%	0.188	03/28/19	J AOAC 2015 V98-6	
CBDV [†]	0.0899		%	0.0846	03/26/19	J AOAC 2015 V98-6	
BDV-A [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
BDV-Total⁺	< LOQ		%	0.187	03/28/19	J AOAC 2015 V98-6	
BG [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
BG-A [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
BG-Total⁺	< LOQ		%	0.188	03/28/19	J AOAC 2015 V98-6	
BL [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
BN	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
A8-THC [↑]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
9-THC	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
HC-A	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
HC-Total	< LOQ		%	0.187	03/28/19	J AOAC 2015 V98-6	
HCV [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
HCV-A [†]	< LOQ		%	0.0846	03/26/19	J AOAC 2015 V98-6	
HCV-Total [†]	< LOQ		%	0.187	03/28/19	J AOAC 2015 V98-6	





Potency per 0.003ml			Batch: 19025	22			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBC-A per $0.003 \text{ml}^{\dagger}$	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBC-Total per 0.003ml [†]	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBD per 0.003ml	1.48		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBD-A per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBD-Total per 0.003ml	1.48		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBDV per $0.003 \text{ml}^{\dagger}$	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBDV-A per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBDV-Total per 0.003ml [†]	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBG per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBG-A per 0.003ml †	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBG-Total per 0.003ml †	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBL per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBN per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
$\Delta 8$ -THC per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
∆9-THC per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THC-A per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THC-Total per 0.003ml	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
THCV per $0.003 \text{ml}^{\dagger}$	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THCV-A per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THCV-Total per $0.003 \text{ml}^{\dagger}$	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	

Batch: 1902522

				522			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBC-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBC-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
CBD per 0.5ml	247		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBD-A per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBD-Total per 0.5ml	247		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
CBDV per 0.5ml ⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBDV-A per 0.5ml ⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBDV-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.935	03/29/19	J AOAC 2015 V98-6	
CBG per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBG-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBG-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
CBL per 0.5ml⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBN per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
$\Delta 8$ -THC per 0.5ml ⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
$\Delta 9$ -THC per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THC-A per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THC-Total per 0.5ml	< LOQ		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
THCV per 0.5ml⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THCV-A per 0.5ml ⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THCV-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.935	03/29/19	J AOAC 2015 V98-6	
	CBC per 0.5ml [†] CBC-A per 0.5ml [†] CBD-Total per 0.5ml [†] CBD-A per 0.5ml CBD-Total per 0.5ml CBD-Total per 0.5ml [†] CBDV-A per 0.5ml [†] CBDV-A per 0.5ml [†] CBG-Par 0.5ml [†] CBG-Total per 0.5ml [†] CBG-Total per 0.5ml [†] CBL per 0.5ml [†] CBN per 0.5ml A8-THC per 0.5ml [†] A9-THC per 0.5ml THC-A per 0.5ml THC-Total per 0.5ml [†] CBD	AnalyteResultCBC per $0.5ml^{\dagger}$ < LOQCBC-A per $0.5ml^{\dagger}$ < LOQCBC-Total per $0.5ml^{\dagger}$ < LOQCBD per $0.5ml$ 247CBD-A per $0.5ml$ 247CBD-Total per $0.5ml$ 247CBDV per $0.5ml^{\dagger}$ < LOQCBDV per $0.5ml^{\dagger}$ < LOQCBDV-Total per $0.5ml^{\dagger}$ < LOQCBDV-Total per $0.5ml^{\dagger}$ < LOQCBDV-Total per $0.5ml^{\dagger}$ < LOQCBG-A per $0.5ml^{\dagger}$ < LOQCBG-A per $0.5ml^{\dagger}$ < LOQCBG-Total per $0.5ml^{\dagger}$ < LOQCBG-Total per $0.5ml^{\dagger}$ < LOQCBL per $0.5ml^{\dagger}$ < LOQCBN per $0.5ml^{\dagger}$ < LOQCBN per $0.5ml^{\dagger}$ < LOQ Δ^{8} -THC per $0.5ml^{\dagger}$ < LOQTHC-A per $0.5ml$ < LOQTHC-A per $0.5ml$ < LOQTHC-Total per $0.5ml$ < LOQTHC-Total per $0.5ml^{\dagger}$ < LOQTHC-Y per $0.5ml^{\dagger}$ < LOQTHCV-A per $0.5ml^{\dagger}$ < LOQTHCV-A per $0.5ml^{\dagger}$ < LOQ	AnalyteResultLimitsCBC per $0.5ml^{\dagger}$ < LOQCBC-A per $0.5ml^{\dagger}$ < LOQCBC-Total per $0.5ml^{\dagger}$ < LOQCBD per $0.5ml$ 247CBD-A per $0.5ml$ < LOQCBD-Total per $0.5ml$ 247CBDV per $0.5ml$ 247CBDV per $0.5ml^{\dagger}$ < LOQCBDV-Total per $0.5ml^{\dagger}$ < LOQCBDV-A per $0.5ml^{\dagger}$ < LOQCBDV-Total per $0.5ml^{\dagger}$ < LOQCBG per $0.5ml^{\dagger}$ < LOQCBG per $0.5ml^{\dagger}$ < LOQCBG-A per $0.5ml^{\dagger}$ < LOQCBG-Total per $0.5ml^{\dagger}$ < LOQCBG-Total per $0.5ml^{\dagger}$ < LOQCBG-Total per $0.5ml^{\dagger}$ < LOQCBN per $0.5ml^{\dagger}$ < LOQCBN per $0.5ml^{\dagger}$ < LOQ Δ^{s} -THC per $0.5ml^{\dagger}$ < LOQTHC-A per $0.5ml$ < LOQTHC-Total per $0.5ml$ < LOQTHC-Total per $0.5ml^{\dagger}$ < LOQTHC-Y per $0.5ml^{\dagger}$ < LOQTHCV-A per $0.5ml^{\dagger}$ < LOQ	AnalyteResultLimitsUnitsCBC per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBC-A per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBC-Total per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBD per $0.5ml$ 247mg/0.5mlCBD-A per $0.5ml$ < LOQmg/0.5mlCBD-Total per $0.5ml$ < LOQmg/0.5mlCBD-Total per $0.5ml$ 247mg/0.5mlCBD-Total per $0.5ml$ < LOQmg/0.5mlCBDV per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBDV-A per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBDV-Total per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBDV-Total per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBG-A per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBG-A per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBG-Total per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBL per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBL per $0.5ml^{\dagger}$ < LOQmg/0.5mlCBN per $0.5ml^{\dagger}$ < LOQmg/0.5ml Δ^{3} -THC per $0.5ml^{\dagger}$ < LOQmg/0.5ml Δ^{9} -THC per $0.5ml^{\dagger}$ < LOQmg/0.5mlTHC-A per $0.5ml$ < LOQmg/0.5mlTHC-Total per $0.5ml^{\dagger}$ < LOQmg/0.5mlTHC-Y per $0.5ml^{\dagger}$ < LOQmg/0.5mlTHC-V A per $0.5ml^{\dagger}$ < LOQ	Analyte Result Limits Units LOQ CBC per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBC-A per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBC-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBD-Total per 0.5ml 247 mg/0.5ml 0.481 CBD-A per 0.5ml 247 mg/0.5ml 0.481 CBD-A per 0.5ml 247 mg/0.5ml 0.481 CBD-Y per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBDV per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBDV-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBDV-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBDV-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBG-A per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBG-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBG-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 CBG-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 </th <th>Analyte Result Limits Units LOQ Analyze CBC per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBC-A per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBC-Total per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBD per 0.5ml 247 mg/0.5ml 0.481 03/29/19 CBD-A per 0.5ml 247 mg/0.5ml 0.481 03/29/19 CBD-Total per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 CBD-Total per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 CBDV per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBDV-Total per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG-A per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG-Total per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG-Total per 0.5ml¹</th> <th>Analyte Result Limits Units LOQ Analyze Method CBC per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBC-A per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBC-Total per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBD per 0.5ml 247 mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBD-A per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBD-Total per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBDV per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBDV-Total per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBG per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBG per 0.5ml¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6<!--</th--></th>	Analyte Result Limits Units LOQ Analyze CBC per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBC-A per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBC-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBD per 0.5ml 247 mg/0.5ml 0.481 03/29/19 CBD-A per 0.5ml 247 mg/0.5ml 0.481 03/29/19 CBD-Total per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 CBD-Total per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 CBDV per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBDV-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG-A per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 CBG-Total per 0.5ml ¹	Analyte Result Limits Units LOQ Analyze Method CBC per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBC-A per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBC-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBD per 0.5ml 247 mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBD-A per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBD-Total per 0.5ml < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBDV per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBDV-Total per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBG per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 CBG per 0.5ml ¹ < LOQ mg/0.5ml 0.481 03/29/19 J AOAC 2015 V98-6 </th

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.

Potency per 0.5ml





 Job Number:
 19-003069

 Report Number:
 19-003069-00

 Report Date:
 04/05/2019

 ORELAP#:
 OR100028

 Purchase Order:
 03/22/19 12:18

Solvents	Method	EPA502	21A		Units µg/g Batch 1	902427	Analyz	e 03/2	22/19 01:22 P	M
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	





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 04/05/2019

 ORELAP#:
 OR100028

 Purchase Order:
 03/22/19 12:18

Pesticides	Method	AOAC	2007.01 & EN	l 15662 (mod)	Units mg/kg Batch	1902559	Analy	ze 03/27/19 11:22 AM
Analyte	Result	Limits	s LOQ Status	Notes	Analyte	Result	Limits	SLOQ 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		Etoxazol	< LOQ	0.20	0.100 pass
Fenoxycarb	< LOQ	0.20	0.100 pass		Fenpyroximat	< 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
Spiroxamin	< LOQ	0.40	0.200 pass		Tebuconazol	< 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					





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3931 NE Colur	mbia Blvd					
-						
19-003069-0018	3		Sample [Date:	03/22/19 12:00	
		Sum	mary			
Result	Limits	Units	LOQ	CBD-Total	- 	48.8
48.8		%	0.876			
Result	Limits	Units	LOQ	THC-Total	per serving	1.46 mg/0.003ml
1.46		mg/0.003ml	0.0033	======		
Result	Limits	Units	LOQ	CBD-Total	per container	244 mg/0.5ml
244		mg/0.5ml	0.487	E = = = = = = = = = = = = = = = = = = =	= = = = = = = = = = = C (%)	<pre>< 0.0876 %</pre>
	3931 NE Colur Portland Orego United States Select Vape Gra 19-003069-0018 Result 48.8 Result 1.46 Result	Select Vape Grapefruit Dup 19-003069-0018 Result Limits 48.8 Result Limits 1.46 Result Limits	3931 NE Columbia Blvd Portland Oregon 97211 United States Select Vape Grapefruit Dup 19-003069-0018 Result Limits Units 48.8 % Result Limits Units 1.46 mg/0.003ml Result Limits Units	3931 NE Columbia Blvd Portland Oregon 97211 United States Client/Me Select Vape Grapefruit Dup 19-003069-0018 Client/Me Result Limits Units LOQ 48.8 % 0.0033 Result Limits Units LOQ 1.46 mg/0.003ml 0.0033	3931 NE Columbia Blvd Portland Oregon 97211 United States Select Vape Grapefruit Dup 19-003069-0018 Result Limits Units LOQ 48.8 % 0.876 Result Limits Units LOQ 1.46 mg/0.003ml 0.0033 Result Limits Units LOQ THC-Total 1.46 mg/0.003ml 0.0033 CBD-Total	3931 NE Columbia Blvd Portland Oregon 97211 United States Select Vape Grapefruit Dup Client/Metrc ID: 19-003069-0018 Sample Date: 03/22/19 12:00 Summary Result Limits Units Units LOQ 48.8 % 0.876 Result Limits Units LOQ 1.46 mg/0.003ml 0.0033 Result Limits Units LOQ CBD-Total per serving CBD-Total per container

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.

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Customer:	Cura Wellness 3931 NE Columbia Blvd Portland Oregon 97211 United States
Product identity:	Select Vape Grapefruit Dup
Client/Metrc ID:	
Sample Date:	03/22/19 12:00
Laboratory ID:	19-003069-0018
Relinquished by:	Brian Ramos
Temp:	20.6 °C
Grower:	AG-R1046321LHH
Weight Received:	8 g
Serving Size #1:	0.003 g
Serving Size #2:	0.05 g

Sample Results

Potency			Batch: 190	2522			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBC-A [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBC-Total [†]	< LOQ		%	0.188	03/28/19	J AOAC 2015 V98-6	
CBD	48.8		%	0.876	03/25/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBD-Total	48.8		%	0.188	03/28/19	J AOAC 2015 V98-6	
CBDV [†]	0.0908		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBDV-A [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBDV-Total [†]	< LOQ		%	0.187	03/28/19	J AOAC 2015 V98-6	
CBG [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBG-A [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBG-Total [†]	< LOQ		%	0.188	03/28/19	J AOAC 2015 V98-6	
CBL [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
$\Delta 8$ -THC [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.187	03/28/19	J AOAC 2015 V98-6	
THCV [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
THCV-A [†]	< LOQ		%	0.0876	03/26/19	J AOAC 2015 V98-6	
THCV-Total [†]	< LOQ		%	0.187	03/28/19	J AOAC 2015 V98-6	





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Potency per 0.003ml			Batch: 19025	22			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBC-A per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBC-Total per 0.003ml [†]	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBD per 0.003ml	1.46		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBD-A per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBD-Total per 0.003ml	1.46		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBDV per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBDV-A per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBDV-Total per 0.003ml [†]	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBG per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBG-A per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBG-Total per 0.003ml [†]	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
CBL per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
CBN per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
$\Delta 8$ -THC per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
∆9-THC per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THC-A per 0.003ml	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THC-Total per 0.003ml	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	
THCV per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THCV-A per 0.003ml [†]	< LOQ		mg/0.003ml	0.0033	03/28/19	J AOAC 2015 V98-6	
THCV-Total per $0.003 \text{ml}^{\dagger}$	< LOQ		mg/0.003ml	0.0062	03/28/19	J AOAC 2015 V98-6	

Batch: 1902522

			Daton. 1902	022			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBC-A per 0.5ml ⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBC-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
CBD per 0.5ml	244		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBD-A per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBD-Total per 0.5ml	244		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
CBDV per 0.5ml ⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBDV-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBDV-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.935	03/29/19	J AOAC 2015 V98-6	
CBG per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBG-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBG-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
CBL per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
CBN per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
$\Delta 8$ -THC per 0.5ml †	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
$\Delta 9$ -THC per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THC-A per 0.5ml	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THC-Total per 0.5ml	< LOQ		mg/0.5ml	0.940	03/29/19	J AOAC 2015 V98-6	
THCV per 0.5ml⁺	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THCV-A per 0.5ml [†]	< LOQ		mg/0.5ml	0.481	03/29/19	J AOAC 2015 V98-6	
THCV-Total per 0.5ml [†]	< LOQ		mg/0.5ml	0.935	03/29/19	J AOAC 2015 V98-6	

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Potency per 0.5ml





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Solvents	Method	EPA502	21A			Units µg/g Batch 1	902427	Analyz	e 03/2	22/19 0)1:22 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	





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Pesticides	Method	AOAC	2007.01 & EN	15662 (mod)	Units mg/kg Batch	1902559	Analy	ze 03/27/19 11:22 AM
Analyte	Result	Limits	s LOQ Status	Notes	Analyte	Result	Limits	s 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		Etoxazol	< LOQ	0.20	0.100 pass
Fenoxycarb	< LOQ	0.20	0.100 pass		Fenpyroximat	< 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
Spiroxamin	< LOQ	0.40	0.200 pass		Tebuconazol	< 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					





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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.

Units of Measure

g = Gram µg/g = Microgram per gram mg/kg = Milligram per kilogram mg/0g = Milligram per 0g mg/0.05g = Milligram per 0.05g % = Percentage of sample % wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager

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			tical Analysi Vape Grapef				
				Analysis mg/g			
	CBD	CBD-A	CBD-Total	CBN	THC	THC-A	THC-Total
19-003069-0017	493	< 0.0846	493	< 0.0846	< 0.0846	< 0.0846	< 0.187
19-003069-0018	488	< 0.0876	488	< 0.0876	< 0.0876	< 0.0876	< 0.187
Average %	490.5	n/a	490.5	n/a	n/a	n/a	n/a
Stdev	2.50	0.000	2.50	0.000	0.000	0.000	0.000
%RPD	1.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%
Pass/Fail (<15%RPD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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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 #: 19-003069
Contact: Erin Harbacek	Project ID: 19-003069
Address: 115 SE YAMHILL ST, PORTLAND OR	- Send to State (METRC) &/or OHA
Email: eharbacek@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. Cannabinoid	Terpenes	Microbiology		Comments
1	19-003069-0001	HDTO-789	TINC	Select 750mg Pet Drops - Bacon Primary	3/22/2019	16.16	~	1	~	\vdash				
2	19-003069-0002	HDTO-789	TINC	Select 750mg Pet Drops - Bacon Dup	3/22/2019	15.68	~	~	1					
3	19-003069-0003	HDTO-791	TINC	Select 750mg Pet Drops - Unflavored Primary	3/22/2019	15.84	~	~	~					
4	19-003069-0004	HDTO-791	TINC	Select 750mg Pet Drops - Unflavored Dup	3/22/2019	16.16	~	1	1		-	1		
5	19-003069-0005	HDTO-670	TINC	Select 750mg Pet Drops - Chicken Primary	3/22/2019	16.00		V	1	-	-			
6	19-003069-0006	HDTO-670	TINC	Select 750mg Pet Drops - Chicken Dup	3/22/2019	16.16		1	1					
7	19-003069-0007	HDTO-721	TINC	Select 750mg Pet Drops - PB Primary	3/22/2019	15.84		1	~			_		
8	19-003069-0008	HDTO-721	TINC	Select 750mg Pet Drops - PB Dup	3/22/2019	16.00		~	1	-	-	-		
9	19-003069-0009	HDTO-672	TINC	Select 750mg Pet Drops - Salmon Primary	3/22/2019	16.00		1	1			-		
10	19-003069-0010	HDTO-672	TINC	Select 750mg Pet Drops - Salmon Dup	3/22/2019	16.00		1	1	-				
11	19-003069-0011	LDHO-416	DISP	Select Vape Cinnamon Primary	3/22/2019	7.92		1	1	-		-		
12	19-003069-0012	LDHO-416	DISP	Select Vape Cinnamon Dup	3/22/2019	7.92	_	1	1		-	-		
13	19-003069-0013	LDHO-410	DISP	Select Vape Lavender Primary	3/22/2019	8.08	_	1	1			-		
14	19-003069-0014	LDHO-410	DISP	Select Vape Lavender Dup	3/22/2019	8.08		1	1	-	-	-	-	
15	19-003069-0015	LDHO-	DISP	Select Vape Lemon Primary	3/22/2019	8.08	_	~	1	-	-			
16	19-003069-0016	LDHO-	DISP	Select Vape Lemon Dup	3/22/2019	8.00	-	1	1	-	+-	+		
17	19-003069-0017	LDHO-414	DISP	Select Vape Grapefruit Primary	3/22/2019	8.00	-	1	1	-	+-	+-		
18	19-003069-0018	LDHO-414	DISP	Select Vape Grapefruit Dup	3/22/2019	8.00	-	1	1	-	+	-	-	
19	19-003069-0019	LDHO-413	DISP	Select Vape Spearmint Primary	3/22/2019	7.92	-	1	1	-	+-	-	-	
20	19-003069-0020	LDHO-413	DISP	Select Vape Spearmint Dup	3/22/2019	8.08	-	1	1	_	-			
21	19-003069-0021	LDHO-409	DISP	Select Vape Peppermint Primary	3/22/2019	8.08	-	V	1				-	
22	19-003069-0022	LDHO-409	DISP	Select Vape Peppermint Dup	3/22/2019	8.08	1	1	1					

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 Job Number:
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 04/05/2019

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 OR100028

 Purchase Order:
 03/22/19 12:18

PIXIS Labs

ORELAP ID: OR100028 OLCC license #: 1003224D558

12423 NE Whitaker Way Portland OR, 97230 Phone: (503)254-1794 Fax: (503)254-1452

Cannabis Chain of Custody Record

	P. U. School Dur	Date	Time	Received By:	Date	Time	Labs Use Only:
Collected By:	Relinquished By:	1 10 10	17: (1)	210	3.22.19	1200	Client Alias:
😡 Standard 5 day	Suis Herbacht	3.21.11	12.00	Tola	-		Order Number:
Rush (1.5 x Standard)	2n	3.22.19	12,8	Atom	63.22.19	1218	Proper Container
 Priority Rush (2 x Standard) 	Dear			70 00			Sample Condition
							Temperature: °C
Ask About Availability							Shipped Via: Counce
							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

Revision: 3.1 Control#: CF002 Effective date: 09/21/2016 Revision Date:01/04/2018 www.pixislabs.com

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 12:08





 Job Number:
 19-003069

 Report Number:
 19-003069-00

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 04/05/2019

 ORELAP#:
 OR100028

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 12:08





Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date:** 04/05/2019 **ORELAP#:** OR100028 Purchase Order: Received: 03/22/19 12:18

OLCC License#: / Requester: 1	Cura CS 115 SE YAMHILL ST, PORTLA AG-R1046321LHH Erin Harbacek C913_Extracts and Concentu						Sampler: Sampling Event/Project (D: Balance (D: Thermometer (D:	8-21
ſ	Weight Used (g) 0.10	Sertal # CFL-000502	Acceptance Limits	0.10 50.00	Initial Result	Final Measured 0.10 50.00	Final Result Acceptable	
lote any inconsisten Comments:	50.00 cles or abnormalities	CFL-000499 No	No	No	No	No	No	No
	Batch #.Le	t# or METRC ID	Product type :	Strain ID	Harvest/Prod Date	Participation of the second	Batch size (lbs.)	C KATELON AND THE MELON
Container type	Istration H	pro-791	# of increments	750mg Pet Drops - Unflave primary sample (ml)			And and the second s	
	Product Temp Ø	1		Increment Log			Parameter of the second second	
crement ID #1 ID	Sample Media	Container ID C1	lns. Zone t1	Media Wt. (g) 26.20	Vol. Sample (mi) 1.0 2 1.0	Wt. Inc. & Media (g) 27.21	Sample Weight 1.01 1.01	MetrciD
19-003069-0004 19-003069-0004 19-003069-0004	10m! Via! 10mi Vial	C1 C1	m1 m2 t2		1.0 1.0		1.01 1.01	
19-003069-0004 19-003069-0004	10ml Vial 10ml Vial 10ml Vial	C1 C1 C1	m2 t2		1.0 1.0		1.01 1.01 1.01	
19-003069-0004 19-003069-0004 19-003069-0004	10ml Vial 10ml Vial	C1 C1	m3 m2		1.0 1.0 1.0		1.01 1.01	
19-003069-0004 19-003069-0004	10ml Vial 10ml Vial	C1 C1 C1	62 61 m2		1.0 1.0		1.01 1.01 1.01	
19-003069-0004 19-003069-0004 19-003069-0004	10ml Vial 10ml Vial 10ml Vial	C1 C1	m4 t4		1.0 1.0 1.0		1.01 1.01 1.01	
19-003069-0004	10ml Vial 10ml Vial	C1 C1	b1 m4 t4		1.0 1.0 1.0		1.01 1.01	
19-003069-0004 Totals sur Obser	10ml Vial	C1 batch numbers	marks/labels	container types/sizes No	16.0 Uniform No	plant colors No	16.16 Shape & Size No	Plan or Proce
Increment 10 (FL ID) 19-00102-0005 19-00102-005 19-0000 19-00102-005 19-00100-005 19-00000 19-000000 19-000000000000000000000000000000000000	10mi Viai 10mi Viai 10mi Viai 10mi Viai 10mi Viai 10mi Viai 10mi Viai 10mi Viai 10mi Viai 10mi Viai 20mi Viai 20mi Viai 20mi Viai 20mi Viai 20mi Viai	Container D Container D Cl Cl Cl Cl Cl Cl Cl Cl Cl Cl Cl Cl Cl	Internet Sciences Internet Scie	Locanest Lg Incenest Lg Media Wr. (c) 25.97 25.9	Vol. Sample (m) 10 10 10 10 10 10 10 10 10 10	Wt. Inc. & Media (a 26.97)	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Pian or Pro No
Container type		#,Lot # or METRC ID HDTO-670	Product type	Strain ID	Harvest/Prod Di Icker 1/0/1900	ate References de la composición de la	Batch size (ibs.) 44.86	ting kesulusia
	Product Temp ©	# of containers	# of increment	1.00	n (1997) 1997		ener svenskore svenskole	
Bucket D		and the second	inc. Zone	Increment Log Media Wt. (g)	Vol. Sample (n		(g) Sample Weight 1.01	Metr
Bucket		Container ID			1.0	27.45	1.01	
Increment ID #1	10ml Vial	Container ID Ci Ci	t2 t3	26.44	1.0		1.01	
/Bucket	10ml Vial 10ml Vial 10ml Vial 10ml Vial	C1 C1 C1 C1	t2 t3 m1 m4				1.01 1.01 1.01	
Bucket	10ml Vial 10ml Vial 10ml Vial 10ml Vial 10ml Vial 10ml Vial	сі сі сі	t2 t3 m1		1.0 1.0 1.0		1.01 1.01	

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Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date:** 04/05/2019 ORELAP#: OR100028 Purchase Order: Received: 03/22/19 12:18

150-18-845_R5 Date: 02/21/17 Sampling Record/Field Data **PIXIS** Labs Date: 3/22/2019 Sampler: Brian Ramos Event/Project ID: 19-003069 Balance ID: 8-21 Thermometer ID: CFL-000494 sor/Client: Cura CS Location: 115 SE YAMHILL ST, PORTLAND OR e#: AG-R1046321LHH OLCC Lie ester: Erin Harbacek SOP: C913_Extracts and Conce ing_R2.00
 Final Result

 Acceptable (32014)

 Acceptable (32014)

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 Weight Used (g 0.10 50.00 10ml Vial 10ml Vial 10ml Vial 10ml Vial 10ml Vial 10ml Vial 50.00 m4 t1 t1 t1 m m4 m b1 t2 t4 b4 m2 t2 10ml Vial 1.00 ape & Size Plan or Procedure plant co marks/la ch number malitie es or abr Strain ID t 750mg Pet Drops - Salm Harvest/Prod Dat 1/0/1900 Batch #,Lot # or METRC ID Product type (h)s lier ct Temp @ 20.1 # of containers Sample Weight 1.00 Wt. Inc. & Media (g) 27.10 dia Wt. (g) t ID #1 ID Sample Media 10mi Viai Container II m1 t4 m1 t1 t1 t3 b1 b2 m4 t3 b2 t2 t1 m3 t1 b3 03069-001 1.00 1.0 10ml Via Plan or Proc narks/labels container types/sizes Shape & S Uniform atch numbe or abod Batch size (lbs.) narvest/Prod D Strain II roduct type in Prin ect Vape C Container type 192 HILLSON # of it primary s and did. Product Temp @
 Vol. Sample (m)
 Wt. Inc. & Media (g)

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 nple Weigh 0.99 dia Wt. (R Sample Media 10ml Vial Container ID C1 t ID #1 ID Inc. Zo 0.99 0.99 0.99 0.99 0.99 0.99 0.99 t1 b4 b3 t2 t3 m2 t3 C1 C1 C1 C1 C1 C1 C1 0.99 C1 Plan or P plant colors marks/labels: container types/size atch num Note any inconsistencies or abnormaliti Strain ID Select Vape Cinna THURSDAY HAT THE in Dir Batch #, er type 194-108(2)101 primary sample (ml) # of line Product Temp © ich difficielle
 Voi. Semple (ml)
 Wt. Inc. & Media (g)

 1.0
 11.67

 1.0
 11.67
 Sample Weight 0.99 0.99 Media Wt. (g) 10.68 Container II nt ID #1 IC C1 C1 10.68 19-003069-0012 m4 m2 78H 10ml Via Page4 of 8 OLCC license #: 1003224D558 www.Pixislabs.com ORFI AP#: OR100028

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 Job Number:
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 19-003069-00

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 04/05/2019

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 OR100028

 Purchase Order:
 Keceived:

 03/22/19 12:18
 12:08





Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date:** 04/05/2019 **ORELAP#:** Purchase Order: **Received:** 03/22/19 12:18

OR100028

OLCC License#:	Cura CS 115 SE YAMHILL ST, PORTLAND AG-R1046321LHH Erin Harbacek C913_Extracts and Concentrat						Date: 3, Sampler: 8 mpling Event/Project ID: 1 Balance ID: 8 Thermometer ID: C final Result	rian Ramos 9-003069 -21
ſ	Weight Used (g) 0.10	Serial # CFL-000502	Acceptance Limits	0.10 50.00	Initial Result Acceptable Acceptable	Final Measured 0.10	Acceptable Acceptable	
	50.00	CFL-000499 1	(+/-0.5%): #	Increment Log			REAR MARKEN PERCON	
		Container ID	inc. Zone	Media Wt- (g)	Vol. Sample (ml)	Wt. Inc. & Media (g)	Sample Weight	MetrciD
rement ID #1 ID 9-003069-0016	Sample Media 10mi Vial 10mi Vial	C1 C1	m2 m1	10.71	1.0 1.0	11.71	1.00	
9-003069-0016 9-003069-0016 9-003069-0016	10ml Vial 10ml Vial	C1 C1	t3 b3		1.0 1.0 1.0		1.00	
9:003069:0016	10ml Vial 10ml Vial	C1 C1	t1 b2		1.0		1.00 1.00	
9-003069-0016 9-003069-0016 9-003069-0016	10ml Vial 10ml Vial	C1 C1	t2 m4		1.0 1.0 8.0		1.00	
Totals		batch numbers	marks/labels	container types/sizes	Uniform No	plant colors No	Shape & Size No	Plan or Procedure No
Note any inconsister Comments:	ncies or abnormalities	No	No	No				
Container type	Batch #,Lot	# or METRC ID	Product type	Strain ID lect Vape Grapefruit Prima	Harvest/Prod Date	Print Print Park	Batch size (lbs.) 4.57	and the second
in the Dart and State of the	China Contractor Data	# of containers	# of Increments	primary sample (ml)				
STORAGE STORE	Product Temp ©	1 of containers	8	1.00				and - the discourse dates
	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. tnc. & Media (g)	Sample Weight 1.00	MetrciD
crement ID #1 ID 19-003069-0017	2 10ml Vial 10ml Vial	C1 C1	m3 m1	10.58	1.0 1.0		1.00	
19-003069-0017 19-003069-0017	10ml Vial 10ml Vial 10ml Vial	C1 C1	t1 m2		1.0 1.0		1.00	
19-003069-0017 19-003069-0017 19-003069-0017	10mi Viai 10mi Viai 10mi Viai	ci ci	m3 m3		1.0 1.0		1.00	
19-003069-0017	i 10ml Vial		t3 b4		1.0 1.0		1.00	
19-003069-0017 Totals	10ml Vial	batch numbers	marks/labels	container types/sizes	8.0 Uniform	plant colors No	Shape & Size No	Plan or Procedur
Note any Inconsiste	rvations: encies or abnormalities	No	No	No	No	N0		
Comment	5:				Harvest/Prod Date	-	Batch size (ibs.)	an generaliten
Container type		t # or METRC ID DHO-414	Product type	Strain ID Select Vape Grapefruit Du	p 422 1/0/1900	n generation and a sector of	And a 57 ²⁰ (1828)	
	Product Temp Ø	# of containers	# of increments	primary sample (mi)		AND INCOMESSION	Net an	CREESE COLUMN
a in the second second second	20.2	1 The second se	1101218	Increment Log				and an
Increment ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g) 10.55	Vol. Sample (ml)	Wt. Inc. & Media (g) 11.55	1.00	MetrciD
19-003069-0018-) 19-003069-0018-	10ml Vial 10ml Vial	C1 C1	m1 m1	2003 2001	1.0 1.0		1.00 1.00	
19-003069-0018 19-003069-0018	10ml Vial 10ml Vial	C1 C1	m4 t3		1.0 1.0		1.00 1.00	
19-003069-0018 19-003069-0018	10mi Vial 10mi Vial	C1 C1	t4 b4		1.0 1.0		1.00 1.00	
19-003069-0018 19-003069-0018	10ml Vial 10ml Vial	c1 	m4 t4		1.0	The second se	1.00	
one in the other of the other	ervations:	batch numbers	marks/labels	container types/sizes	Uniform	plant colors No	Shape & Size No	Plan or Proced
Note any inconsis Commen	tencies or abnormalities	No	No					
			Product type	Strain D	Harvest/Prod Dat	8	Batch size (lbs.)	
Container type		ot # or METRC ID DHO-413	TRANSPORT	elect Vape Spearmint Prin			4.56	
	Product Temp Ø	# of containers	# of increment	s primary sample (ml)		Sector Sector Sector		is acquiring the second second
	20.3	1		Increment Log	ergens en al estatuaria. Traductoria de la destatuaria de la comunicación de la comunicación de la comunicación de la comunicación de la	an a		Classical I
Increment ID \$1 i	D Sampla Media	Container ID C1	Inc. Zone m2	Madia Wt. (g) 10.67	Vol. Sample (mi 1.0) Wt. Inc. & Media (g) 11.66	0.99	MetrciD
19-003069-0019 19-003069-0019	10ml Vial	C1	b4 m2		1.0 1.0		0.99 0.99	
19-003069-0019 19-003069-0019	10mi Vial 10mi Vial	C1 C1	m2 b3 t1		1.0 1.0		0.99	
19-003069-0019	10ml Vial 10ml Vial	сі сі	m2 t1		1.0 1.0		0.99	
19-003069-0019	10ml Vial 10ml Vial	C1 C1	b1	ET DE CAR	1.0		0.99	Disc.
Totalstatts	oservations:	batch numbers	marics/labels	container types/size		plant colors No	Shape & Size No	Plan or Proce

OLCC license #: 1003224D558 ORELAP#: OR100028

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Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date:** 04/05/2019 **ORELAP#:** OR100028 Purchase Order: Received:

03/22/19 12:18

OLCC License#: A Requester: E	15 SE YAMHILL ST, PORTLAN .G-R1046321LHH	te Sampling_R2.00			Initial Result	S Final Measured	Date: Sampler: ampling Event/Project ID: Balance ID: Thermometer ID: Final Result	Brian Ramos 19-00306 9 8-21
Г	Weight Used (g) 0.10	Serial # CFL-000502	Acceptance Limits (+/-10%):	0.10 50.00	Acceptable Acceptable	0.10 50.00	Acceptable Acceptable	
E	50.00	CFL-000499	(+/-0.5%):				Batch size (lbs.)	
ontainer type		# or METRC ID HO-413	Product type DISP	Strain ID Select Vape Spearmint Dup	Harvest/Prod Date 1/0/1900		4.56	
Jar	Product Temp © 20.3	# of containers 1	# of increments 8	primary sample (ml) 1.00 Increment Log				
rement ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (g) 11.46	Sample Weight 1.01	MetrcID
-003069-0020	10ml Vial 10ml Vial	C1 C1	t4 b2	10.45	1.0	IIto	1.01	
-003069-0020	10ml Vial 10ml Vial	C1 C1	t4 m3		1.0		1.01	
9-003069-0020 9-003069-0020	10ml Vial	C1 C1	b4 m2		1.0 1.0		1.01 1.01	
9-003069-0020 9-003069-0020	10ml Vial 10ml Vial	C1 C1	m1 t2		1.0 1.0		1.01 8.08	
9-003069-0020 Totals	10ml Vial		marks/labels	container types/sizes	8.0 Uniform	plant colors	Shape & Size	Plan or Procedur
Observ lote any inconsisten Comments:	rations: ncies or abnormalities	batch numbers No	No	No	No	No	No	10
	Batch #.Lo	ot # or METRC ID	Product type	Strain ID	Harvest/Prod Date 1/0/1900		Batch size (lbs.) 4.57	-
Jar	La de la deserva de la del La de	DHO-409	DISP	elect Vape Peppermint Prima	1/0/1900			
	Product Temp © 20.3	# of containers 1	# of increments 8	primary sample (ml) 1.00 Increment Log				
crement ID #1 ID	Sample Media	Container ID	Inc. Zone	Media Wt. (g) 10.67	Vol. Sample (ml)	Wt. Inc. & Media (g) 11.68	1.01	MetrclD
19-003069-0021	10ml Vial 10ml Vial	C1 C1	t2 t3	10.87	1.0		1.01	
19-003069-0021	10ml Vial 10ml Vial	C1 C1	t1 m3	and the second sec	1.0		1.01	
19-003069-0021 19-003069-0021	10ml Vial	C1 C1	t1 t4	the state of the s	1.0 1.0		1.01	
19-003069-0021 19-003069-0021	10ml Vial 10ml Vial	C1	m1 m2		1.0 1.0	世代市场省合。这种市	1.01	
19-003069-0021 Totals	10ml Vial	C1		container types/sizes	8.0 Uniform	plant colors	8.08 Shape & Size	Plan or Proced
Obser	rvations: encies or abnormalities	batch numbers No	marks/labels No	No	No	No	No	No
Container type		Lot # or METRC ID	Product type DISP	Strain ID Select Vape Peppermint Di	Harvest/Prod Date		Batch size (lbs.) 4.57	
Jar		LDHO-409	# of increment					
	Product Temp © 20.3	# of containers	8	1.00 Increment Log				
	Sample Media	Container ID	Inc. Zone	Media Wt. (g)	Vol. Sample (ml)	Wt. Inc. & Media (1 11.59	Sample Weight 1.01	MetrcID
Increment ID #1 ID 19-003069-0022	10ml Vial	C1	t2 t4	10.58	1.0	11.39	1.01	
19-003069-0022 19-003069-0022	10ml Vial 10ml Vial	C1 C1	t3 m1		1.0		1.01	
19-003069-0022 19-003069-0022	10ml Vial 10ml Vial	C1 C1	b1 b3	is a start of the second	1.0 1.0		1.01 1.01	
19-003069-0022 19-003069-0022	10ml Vial 10ml Vial	C1 C1	t2	CONTRACTOR OF	1.0 1.0		1.01 1.01	
19-003069-0022	10ml Vial	C1	t4		8.0 Uniform	plant colors	8.08 Shape & Size	Plan or Proce
Totals Obs	ervations:	batch numbers No	marks/label No	s container types/sizes No	No	No	No	No
Commen	tencies or abnormalities							
		0-				Prin.	Harbold	SPR
	Sampled By	DIR	_					
	Date	3.22	.19		D	ate: <u>3-27</u>		
		120	0		Ti	<u>me: 12:00</u>) PM	
	Time	::						

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Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date: ORELAP#:** Purchase Order: **Received:**

04/05/2019 OR100028

03/22/19 12:18

PIXIS Lab	s		Sampling	Record/Field Da	ata		150-18-845_1 Revision Date: 02/21/ Effective date: 09/20/		
OLCC License#: Requester:	Cura CS 115 SE YAMHILL ST, POR' AG-R1046321LHH Erin Harbacek C913_Extracts and Conce						Date: 3/22/2019 Samplier: Brian Ramos Sampling Event/Project ID: 115003000 Internet Balance (ID: 8-21 Thermometer (ID: CFL-000494		
	Weight Used (g)	Serial #	Acceptance Limits	initial Measured	initial Result	Final Measured	Final Result		
	0.10	CFL-000502	(4/-10%):	0.10	Acceptable	0.10	Acceptable		

OLCC license #: 1003224D558 ORELAP#: OR100028

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ORELAP#:	OR100028
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EPA 5021	Lux	oratory	Quun	cy contro	l Results	Pat	tch ID:	190242	7			
									./			
Method Blank					Laborator	-						
Analyte	Result	-	LOQ	Notes	Result	Spike		% Rec	_	im	-	Notes
Propane	ND	<	200		2030	1940	µg/g	104.6	70	-	130	
Isobutane	ND	<	200		2470	2510	µg/g	98.4	70	-	130	
Butane	ND	<	200		2490	2510	µg/g	99.2	70	-	130	
2,2-dimethylpropane	ND	<	200		3650	3190	µg/g	114.4	70	-	130	
Methanol	ND	<	200		2510	2390	µg/g	105.0	70	-	130	
Ethylene Oxide	ND	<	30		198	192	µg/g	103.1	70	-	130	
2-Methylbutane	ND	<	200		2350	2430	µg/g	96.7	70	-	130	
n-Pentane	ND	<	200		2390	2380	µg/g	100.4	70	-	130	
Ethanol	ND	<	200		2300	2400	µg/g	95.8	70	-	130	
Ethyl Ether	ND	<	200		2250	2430	µg/g	92.6	70	-	130	
2,2-Dimethylbutane	ND	<	30		540	620	µg/g	87.1	70	-	130	
Acetone	ND	<	200		2260	2380	µg/g	95.0	70	-	130	
Isopropyl alcohol	ND	<	200		2210	2380	µg/g	92.9	70	-	130	
Acetonitrile	ND	<	100		922	919	µg/g	100.3	70	1	130	
2,3-Dimethylbutane	ND	<	30		279	303	µg/g	92.1	70		130	
Dichloromethane	ND	<	200		801	948	µg/g	84.5	70		130	
2-Methylpentane	ND	<	30		260	293	µg/g	88.7	70		130	
3-Methylpentane	ND	<	30		274	314	µg/g	87.3	70		130	
Hexane	ND	<	30		260	297	µg/g	87.5	70		130	
Ethyl acetate	ND	<	200		2230	2370	µg/g	94.1	70		130	
2-Butanol	ND	<	200		2240	2410	µg/g	92.9	70		130	
Tetrahydrofuran	ND	<	100		825	943	µg/g	87.5	70		130	
Cyclohexane	ND	<	200		1980	2370	µg/g	83.5	70		130	
Benzene	ND	<	1		32.4	38.4	μg/g	84.4	70	-	130	
Isopropyl Acetate	ND	<	200		2300	2420	µg/g	95.0	70	-	130	
Heptane	ND	<	200		2220	2380	µg/g	93.3	70	-	130	
1,4-Dioxane	ND	<	100		784	933	μg/g	84.0	70	-	130	
2-Ethoxyethanol	ND	<	30		2280	2370	µg/g	96.2	70	-	130	
Ethylene Glycol	ND	<	100		671	934	μg/g	71.8	70	-	130	
Toluene	ND	<	200		763	937	μg/g	81.4	70	-	130	
Ethylbenzene	ND	<	200		1510	1920	µg/g	78.6	70	-	130	
m,p-Xylene	ND	<	200		1480	1880	μg/g	78.7	70	-	130	
o-Xylene	ND	<	200		1520	1910	μg/g	79.6	70		130	
Cumene	ND	<	30		258	368	нв/в	70.1	70		130	

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Report Number:	19-003069-00
Report Date:	04/05/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	03/22/19 12:18

Analyte	Recult	Org. Result	LOQ	Unite	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND		μg/g	0.0	< 20	Acceptable	Notes
Isobutane	ND	ND		μg/g μg/g	0.0	< 20	Acceptable	
Butane	ND	ND		μg/g	0.0	< 22	Acceptable	
2.2-dimethylpropane	ND	ND		μg/g μg/g	0.0	< 22	Acceptable	
Methanol	ND	ND		μg/g	0.0	< 24	Acceptable	
Ethylene Oxide	ND	ND		μg/g	0.0	< 25	Acceptable	
2-Methylbutane	ND	ND		μg/g	0.0	< 26	Acceptable	
n-Pentane	ND	ND		μg/g	0.0	< 27	Acceptable	
Ethanol	ND	ND		μg/g	0.0	< 28	Acceptable	
Ethyl Ether	ND	ND		μg/g	0.0	< 29	Acceptable	
2.2-Dimethylbutane	ND	ND		μg/g	0.0	< 30	Acceptable	
Acetone	ND	ND		μg/g	0.0	< 30	Acceptable	
Isopropyl alcohol	ND	ND		μg/g	0.0	< 32	Acceptable	
Acetonitrile	ND	ND		μg/g	0.0	< 32	Acceptable	
2,3-Dimethylbutane	ND	ND		μg/g	0.0	< 36	Acceptable	
Dichloromethane	ND	ND		μg/g	0.0	< 37	Acceptable	
2-Methylpentane	ND	ND		μg/g	0.0	< 38	Acceptable	
3-Methylpentane	ND	ND		μg/g	0.0	< 40	Acceptable	
Hexane	ND	ND		μg/g	0.0	< 40	Acceptable	
Ethyl acetate	ND	ND		µg/g	0.0	< 44	Acceptable	
2-Butanol	ND	ND		µg/g	0.0	< 45	Acceptable	
Tetrahydrofuran	ND	ND		µg/g	0.0	< 45	Acceptable	
Cyclohexane	ND	ND		µg/g	0.0	< 47	Acceptable	
Benzene	ND	ND		μg/g	0.0	< 49	Acceptable	
Isopropyl Acetate	ND	ND		μg/g	0.0	< 50	Acceptable	
Heptane	ND	ND		μg/g	0.0	< 51	Acceptable	
1,4-Dioxane	ND	ND		μg/g	0.0	< 54	Acceptable	
2-Ethoxyethanol	ND	ND		µg/g	0.0	< 55	Acceptable	
Ethylene Glycol	ND	ND		µg/g	0.0	< 58	Acceptable	
Toluene	ND	ND		μg/g	0.0	< 59	Acceptable	
Ethylbenzene	ND	ND		μg/g	0.0	< 63	Acceptable	
m,p-Xylene	ND	ND		μg/g	0.0	< 64	Acceptable	
o-Xylene	ND	ND		μg/g	0.0	< 65	Acceptable	
Cumene	ND	ND		μg/g	0.0	< 66	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

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 Job Number:
 19-003069

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 19-003069-00

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 04/05/2019

 ORELAP#:
 OR100028

 Purchase Order:
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 03/22/19 12:18
 12:08

		Labor	atory C	Quality Cor	ntrol Re	sults		
J AOAC 2015	V98-6							
Laboratory Co	ontrol Sample							
Analyte	Result	Spike	Units	% Rec	Lii	mits	Evaluation	Notes
CBDV-A	0.187	0.2	%	93.5	85	- 115	Acceptable	
CBDV	0.197	0.2	%	98.5	85	- 115	Acceptable	
CBD-A	0.194	0.2	%	97.0	85	- 115	Acceptable	
CBG-A	0.187	0.2	%	93.5	85	- 115	Acceptable	
CBG	0.199	0.2	%	99.5	85	- 115	Acceptable	
CBD	0.189	0.2	%	94.5	85	- 115	Acceptable	
THCV	0.187	0.2	%	93.5	85	- 115	Acceptable	
THCVA	0.184	0.2	%	92.0	85	- 115	Acceptable	
CBN	0.199	0.2	%	99.5	85	- 115	Acceptable	
тнс	0.196	0.2	%	98.0	85	- 115	Acceptable	
D8THC	0.186	0.2	%	93.0	85	- 115	Acceptable	
CBL	0.180	0.2	%	90.0	85	- 115	Acceptable	
CBC	0.198	0.2	%	99.0	85	- 115	Acceptable	
THCA	0.182	0.2	%	91.0	85	- 115	Acceptable	
CBCA	0.178	0.2	%	89.0	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

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 Job Number:
 19-003069

 Report Number:
 19-003069-00

 Report Date:
 04/05/2019

 ORELAP#:
 OR100028

 Purchase Order:
 Keceived:

 03/22/19 12:18
 12:08

J AOAC 2015 V	98-6				Bat	ch ID: 1902522	2	
Sample Duplica	te				Sam	ple ID: 19-0030	22-0001	
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	0.405	0.409	0.1	%	0.983	< 20	Acceptable	
CBDV	ND	ND	0.1	%	0	< 20	Acceptable	
CBD-A	53.8	54.3	0.1	%	0.925	< 20	Acceptable	
CBG-A	1.23	1.25	0.1	%	1.61	< 20	Acceptable	
CBG	0.346	0.359	0.1	%	3.69	< 20	Acceptable	
CBD	11.0	11.2	0.1	%	1.80	< 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	1.22	1.23	0.1	%	0.816	< 20	Acceptable	
D8THC	ND	ND	0.1	%	0	< 20	Acceptable	
CBL	ND	ND	0.1	%	0	< 20	Acceptable	
CBC	0.960	0.970	0.1	%	1.04	< 20	Acceptable	
THCA	1.50	1.49	0.1	%	0.669	< 20	Acceptable	
CBCA	2.62	2.50	0.1	%	4.69	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent

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Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date:** 04/05/2019 **ORELAP#:** OR100028 Purchase Order: Received: 03/22/19 12:18

AOAC 2007.1 & EN 15662		Unit	s: mg/Kg			Batch	ID: 19025	559
Method Blank				Laboratory Co	ntrol Sam	ole		
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	ND	< 0.200	1	1.010	1.000	101.0	70 - 130	1
Acequinocyl	ND	< 1.000		3.600	4.000	90.0	70 - 130	
Acetamiprid	ND	< 0.100		0.373	0.400	93.3	70 - 130	1
Aldicarb	ND	< 0.200		0.745	0.800	93.1	70 - 130	1
Abamectin	ND	< 0.288		0.940	1.000	94.0	70 - 130	1
Azoxystrobin	ND	< 0.100		0.372	0.400	93.0	70 - 130	1
Bifenazate	ND	< 0.100		0.348	0.400	87.0	70 - 130	1
Bifenthrin	ND	< 0.100		0.367	0.400	91.8	70 - 130	1
Boscalid	ND	< 0.100		0.925	0.800	115.6	70 - 130	1
Carbaryl	ND	< 0.100		0.380	0.400	95.0	70 - 130	1
Carbofuran	ND	< 0.100		0.355	0.400	88.8	70 - 130	1
Chlorantraniliprol	ND	< 0.100		0.355	0.400	88.8	70 - 130	1
Chlorfenapyr	ND	< 1.000	+	1.920	2.000	96.0	70 - 130	1
Chlorpyrifos	ND	< 0.100		0.401	0.400	100.3	70 - 130	+
Clofentezine	ND	< 0.100	+	0.380	0.400	95.0	70 - 130	1
Cyfluthrin	ND	< 1.000	-	1.900	2.000	95.0	30 - 150	1
Cypermethrin	ND	< 1.000	+	1.900	2.000	95.0	70 - 130	-
Daminozide	ND	< 1.000	-	1.850	2.000	92.5	30 - 150	-
Diazinon	ND	< 0.100		0.392	0.400	98.0	70 - 130	-
Dichlorvos	ND	< 0.500		1.860	2.000	98.0	70 - 130	-
Dimethoat	ND	< 0.100		0.382	0.400	95.5	70 - 130	
Ethoprophos	ND	< 0.100		0.343	0.400	95.5 85.8	70 - 130	I
				0.343		92.4	70 - 130	L
Etofenprox	ND	< 0.100	_	0.739	0.800			L
Etoxazol	ND	< 0.100	_		0.400	98.8	0.001 07707711	<u> </u>
enoxycarb	ND	< 0.100		0.368	0.400	92.0	70 - 130	
enpyroximat	ND	< 0.100		0.768	0.800	96.0	70 - 130	I
ipronil	ND	< 0.100		0.777	0.800	97.1	70 - 130	1
lonicamid	ND	< 0.400		0.900	1.000	90.0	70 - 130	
Iudioxonil	ND	< 0.100		0.705	0.800	88.1	70 - 130	
Hexythiazox	ND	< 0.400		0.961	1.000	96.1	70 - 130	
mazalil	ND	< 0.100		0.382	0.400	95.5	70 - 130	1
midacloprid	ND	< 0.200		0.744	0.800	93.0	70 - 130	1
Kresoxim-Methyl	ND	< 0.100		0.742	0.800	92.8	70 - 130	
Malathion	ND	< 0.100		0.370	0.400	92.5	70 - 130	1
Vietalaxyl	ND	< 0.100		0.382	0.400	95.5	70 - 130	1
Methiocarb	ND	< 0.100		0.372	0.400	93.0	70 - 130	1
Methomyl	ND	< 0.200		0.754	0.800	94.3	70 - 130	1
MGK 264	ND	< 0.100		0.427	0.400	106.8	70 - 130	1
Myclobutanil	ND	< 0.100		0.358	0.400	89.5	70 - 130	1
Naled	ND	< 0.200		0.993	1.000	99.3	70 - 130	1
Dxamyl	ND	< 0.400	1	1.940	2.000	97.0	70 - 130	1
Paclobutrazol	ND	< 0.200		0.696	0.800	87.0	70 - 130	1
Parathion Methyl	ND	< 0.200		0.932	0.800	116.5	30 - 150	1
Permethrin	ND	< 0.100	1	0.347	0.400	86.8	70 - 130	1
Phosmet	ND	< 0.100		0.430	0.400	107.5	70 - 130	1
Piperonyl butoxide	ND	< 1.000	1	1.940	2.000	97.0	70 - 130	1
Prallethrin	ND	< 0.200	-	0.359	0.400	89.8	70 - 130	1
Propiconazole	ND	< 0.200	+	0.761	0.800	95.1	70 - 130	-
Propoxur	ND	< 0.100	+	0.350	0.400	87.5	70 - 130	-
Pyrethrins	ND	< 0.500		0.249	0.400	87.7	70 - 130	-
Pyridaben	ND	< 0.100		0.249	0.284	102.8	70 - 130	-
pinosad	ND	< 0.100		0.411	0.400	102.8	70 - 130	<u> </u>
pinosad	ND	< 0.100		0.420	0.388	108.2	70 - 130	-
pirotetramat	ND	< 0.100		0.424	0.400	89.8	70 - 130	-
								L
piroxamine	ND	< 0.100		0.823	0.800	102.9	10 - 150	I
ebuconazol	ND	< 0.200	-	0.789	0.800	98.6	70 - 130	-
hiacloprid	ND	< 0.100		0.359	0.400	89.8	70 - 130	L
hiamethoxam	ND	< 0.100		0.365	0.400	91.3	70 - 130	
rifloxystrobin	ND	< 0.100	1	0.376	0.400	94.0	70 - 130	1

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

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Job Number: 19-003069 **Report Number:** 19-003069-00 **Report Date:** 04/05/2019 **ORELAP#:** OR100028 Purchase Order: Received: 03/22/19 12:18

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

AOAC 2007.1 & EN 1	5662		Units:	mg/Kg	Batch ID: 1902559							
Matrix Spike/Matrix	all and a second se	ate Dece	Contraction Market	0/0		6		19-00314	1 0001	-		
Matrix Spike/Matrix Analyte	Spike Dupit	MS Res	MSD Res	Spike	DE	5 20%	MS % Rec		Limits	Notes		
Acephate	0.258	1.230	1.110	1.000	10.3	< 30	97.2	85.2	50 - 150	Notes		
Acequinocyl	0.2.38	2.340	2.390	4.000	2.1	< 30	58.5	59.8	50 - 150	-		
Acetamiprid	0.000	0.354	0.351	0.400	0.9	< 30	88.5	87.8	50 - 150	I		
Aldicarb	0.000	0.554	0.351	0.400	1.6	< 30	86.1	84.8	50 - 150	I		
Abamectin	0.000	0.089	0.078	1.000	1.0	< 30	94.2	95.5	50 - 150			
										I		
Azoxystrobin	0.011	0.387	0.403	0.400	4.1	< 30	94.1	98.1	50 - 150			
Bifenazate	0.000	0.312	0.294	0.400	5.9	< 30	78.0	73.5	50 - 150	-		
Bifenthrin	0.011	0.435	0.435	0.400	0.0	< 30	106.0	106.0	50 - 150	L		
Boscalid	0.061	0.628	0.752	0.800	18.0	< 30	70.8	86.3	50 - 150			
Carbaryl	0.000	0.314	0.306	0.400	2.6	< 30	78.5	76.5	50 - 150	L		
Carbofuran	0.000	0.325	0.323	0.400	0.6	< 30	81.3	80.8	50 - 150			
Chlorantraniliprol	0.000	0.353	0.321	0.400	9.5	< 30	88.3	80.3	50 - 150			
Chlorfenapyr	0.000	2.050	2.110	2.000	2.9	< 30	102.5	105.5	50 - 150			
Chlorpyrifos	0.000	0.070	0.072	0.400	3.3	< 30	17.4	18.0	50 - 150	Q		
Clofentezine	0.000	0.352	0.334	0.400	5.2	< 30	88.0	83.5	50 - 150			
Cyfluthrin	0.000	1.910	1.820	2.000	4.8	< 30	95.5	91.0	30 - 150			
Cypermethrin	0.000	1.930	1.980	2.000	2.6	< 30	96.5	99.0	50 - 150			
Daminozide	0.141	1.250	1.310	2.000	4.7	< 30	55.5	58.5	30 - 150			
Diazinon	0.000	0.323	0.319	0.400	1.2	< 30	80.8	79.8	50 - 150			
Dichlorvos	0.000	2.080	1.950	2.000	6.5	< 30	104.0	97.5	50 - 150			
Dimethoat	0.000	0.348	0.356	0.400	2.3	< 30	87.0	89.0	50 - 150			
Ethoprophos	0.000	0.264	0.297	0.400	11.8	< 30	66.0	74.3	50 - 150	1		
Etofenprox	0.013	0.518	0.508	0.800	1.9	< 30	63.1	61.8	50 - 150			
Etoxazol	0.000	0.331	0.347	0.400	4.7	< 30	82.8	86.8	50 - 150			
Fenoxycarb	0.000	0.285	0.293	0.400	2.8	< 30	71.3	73.3	50 - 150	1		
Fenpyroximat	0.336	1.130	1.090	0.800	3.6	< 30	99.3	94.3	50 - 150	1		
Fipronil	0.000	0.593	0.543	0.800	8.8	< 30	74.1	67.9	50 - 150			
Flonicamid	0.000	0.879	0.879	1.000	0.0	< 30	87.9	87.9	50 - 150	-		
Fludioxonil	0.005	0.764	0.789	0.800	3.2	< 30	94.9	98.1	50 - 150	-		
Hexythiazox	0.000	0.636	0.637	1.000	0.2	< 30	63.6	63.7	50 - 150	-		
Imazalil	0.000	0.382	0.402	0.400	5.1	< 30	95.5	100.5	50 - 150			
midacloprid	0.000	0.812	0.779	0.800	4.1	< 30	101.5	97.4	50 - 150			
Kresoxim-Methyl	0.000	0.634	0.629	0.800	0.8	< 30	79.3	78.6	50 - 150			
Malathion	0.000	0.353	0.023	0.400	58	< 30	88.3	93.5	50 - 150			
Metalaxyl	0.000	0.352	0.374	0.400	3.8	< 30	88.0	84.8	50 - 150	L		
Methiocarb	0.064	0.332	0.339	0.400	3.0 11.1	< 30	67.2	77.0	50 - 150	I		
		0.555		0.400	0.3	< 30	91.0	90.8		I		
Methomyl	0.000		0.726							L		
MGK 264	0.012	0.276	0.261	0.400	5.6	< 30	66.0	62.2	0.0	I		
Myclobutanil	0.000	0.288	0.322	0.400	11.1	< 30	72.0	80.5	50 - 150			
Naled	0.000	0.458	0.425	1.000	7.5	< 30	45.8	42.5	50 - 150	Q		
Oxamyl	0.000	1.690	1.820	2.000	7.4	< 30	84.5	91.0	50 - 150			
Paclobutrazol	0.018	0.633	0.680	0.800	7.2	< 30	76.9	82.8	50 - 150			
Parathion Methyl	0.139	0.639	0.817	0.800	24.5	< 30	62.5	84.8	30 - 150	1		
Permethrin	0.000	0.337	0.347	0.400	2.9	< 30	84.3	86.8	50 - 150			
Phosmet	0.000	0.314	0.299	0.400	4.9	< 30	78.5	74.8	50 - 150			
Piperonyl butoxide	0.000	1.880	1.880	2.000	0.0	< 30	94.0	94.0	50 - 150	1		
Prallethrin	0.025	0.046	0.048	0.400	3.8	< 30	5.4	5.9	50 - 150	Q		
Propiconazole	0.000	0.658	0.670	0.800	1.8	< 30	82.3	83.8	50 - 150			
Propoxur	0.000	0.325	0.325	0.400	0.0	< 30	81.3	81.3	50 - 150			
Pyrethrins	0.016	0.267	0.262	0.284	1.9	< 30	88.4	86.6	50 - 150			
Pyridaben	0.000	0.432	0.430	0.400	0.5	< 30	108.0	107.5	50 - 150	1		
Spinosad	0.000	0.368	0.379	0.388	2.9	< 30	94.8	97.7	50 - 150	1		
Spiromesifen	0.000	0.177	0.180	0.400	1.7	< 30	44.3	45.0	50 - 150	Q		
Spirotetramat	0.000	0.218	0.245	0.400	11.7	< 30	54.5	61.3	50 - 150			
Spiroxamine	0.014	0.716	0.692	0.800	3.4	< 30	87.8	84.8	50 - 150	-		
lebuconazol	0.000	0.680	0.640	0.800	6.1	< 30	85.0	80.0	50 - 150	-		
Thiacloprid	0.000	0.340	0.344	0.400	1.2	< 30	85.0	86.0	50 - 150	-		
Thiamethoxam	0.000	0.338	0.344	0.400	2.3	< 30	84.5	86.5	50 - 150	-		
Frifloxystrobin	0.000	0.330	0.346	0.400	1.1	< 30	76.9	78.1	50 - 150	L		





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.
В	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.

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.