



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



Report Number: 21-006269/D002.R000
Report Date: 06/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/07/21 12:50

Customer: Silver Lining Xtracts
Product identity: 0421.3.1-4
Client/Metric ID: .
Laboratory ID: 21-006269-0001

Sample Date: 06/04/21 08:45

Summary

Potency:

Analyte	Result (%)		
CBD	84.7		<ul style="list-style-type: none"> ● CBD ● CBC ● 9-THC ● CBG ● CBT ● CBE ● CBDV ● CBN
CBC	3.09		
Δ9-THC	2.87		
CBG [†]	2.15		
CBT [†]	0.816		
CBE [†]	0.685		
CBDV [†]	0.533		
CBN	0.172		
		THC-Total 2.87%	
		(Reported in percent of total sample)	

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.



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Customer: Silver Lining Xtracts

Product identity: 0421.3.1-4
Client/Metric ID: .
Sample Date: 06/04/21 08:45
Laboratory ID: 21-006269-0001
Evidence of Cooling: No
Temp: 20.2 °C

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2105153	Analyze: 6/10/21 3:22:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	3.09		0.0885			
CBC-A†	< LOQ		0.0885			
CBC-Total†	3.09		0.166			
CBD	84.7		0.885			
CBD-A	< LOQ		0.0885			
CBD-Total	84.7		0.963			
CBDV†	0.533		0.0885			
CBDV-A†	< LOQ		0.0885			
CBDV-Total†	0.533		0.165			
CBE†	0.685		0.0885			
CBG†	2.15		0.0885			
CBG-A†	< LOQ		0.0885			
CBG-Total	2.15		0.165			
CBL†	< LOQ		0.0885			
CBL-A†	< LOQ		0.0885			
CBL-Total†	< LOQ		0.166			
CBN	0.172		0.0885			
CBT†	0.816		0.0885			
Δ8-THC†	< LOQ		0.0885			
Δ8-THCV	< LOQ		0.0885			
Δ9-THC	2.87		0.0885			
THC-A	< LOQ		0.0885			
THC-Total	2.87		0.166			
THCV†	< LOQ		0.0885			
THCV-A†	< LOQ		0.0885			
THCV-Total†	< LOQ		0.165			
Total Cannabinoids†	95.0					



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Solvents						Residual Solvents by GC/MS					Units µg/g	Batch 2104995	Analyze 06/08/21 08:51 AM				
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	20.0	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	60.0	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 2105143 Analyze 06/11/21 10:08 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	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	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< 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	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Arsenic	< LOQ		mg/kg	0.0365	2105140	06/10/21	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0365	2105140	06/10/21	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0365	2105140	06/10/21	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0182	2105140	06/10/21	AOAC 2013.06 (mod.)	X		



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Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B2 [†]	< LOQ		µg/kg	5.00	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Aflatoxin B1 [†]	< LOQ		µg/kg	5.00	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Aflatoxin G1 [†]	< LOQ		µg/kg	5.00	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Aflatoxin G2 [†]	< LOQ		µg/kg	5.00	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Deoxynivalenol [†]	< LOQ		µg/kg	200	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Fumonisin B1 [†]	< LOQ		µg/kg	200	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Fumonisin B2 [†]	< LOQ		µg/kg	200	2105145	06/11/21	AOAC 2007.01 & EN 15662	
HT2-Toxin [†]	< LOQ		µg/kg	40.0	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Nivalenol [†]	< LOQ		µg/kg	400	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Ochratoxin A [†]	< LOQ		µg/kg	5.00	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Ochratoxin B [†]	< LOQ		µg/kg	2.00	2105145	06/11/21	AOAC 2007.01 & EN 15662	
T2-Toxin [†]	< LOQ		µg/kg	20.0	2105145	06/11/21	AOAC 2007.01 & EN 15662	
Zearalenone [†]	< LOQ		µg/kg	200	2105145	06/11/21	AOAC 2007.01 & EN 15662	

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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

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



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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

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

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Cannabis Chain of Custody Record

21-006269 **PIXIS Labs**
A Tentamus Company

ORELAP ID: OR100028

Company: Silver Lining Xtracts LLC		Analysis Requested										Purchase Order Number:				
Contact: Joe Rosato		Pesticides – OR 59 compounds	Pesticide Multi-Residue – 375 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other_High Purity Potency Analysis	Project Number:		
Address: 636 W. Dutton Rd														Project Name:		
Email: joseph@focushempco.com														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input checked="" type="checkbox"/> Cash/Check/CC/Net 30		
Phone: 5414144275 Fax:														Other:		
Processor's License: AG-R1049952IHH																
Field ID	Date/Time Collected												Matrix	Weight	Serving size for edibles	Comments/Metric ID
0421.3.1-4	6/4/21 0845	x		x	x									5g		CBD Distillate

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input checked="" type="checkbox"/> Priority Rush (2 day) (2x Standard)	Joseph Rosato	06/4/21	1025		06/11/21	1250	Client Alias: Order Number: Proper Container Sample Condition 20.2 Temperature: Shipped Via: Evidence of cooling: <input type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
 Revision: 2.00 Control#: CF023
 Effective 04/29/2019 Revised 04/29/2019
www.pixislabs.com
www.columbiainfoodlab.com
 Page 1 of 2

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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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Columbia Laboratories
Sample Receipt Form

Revision: 2.00 Document Control: C015
Revised: 01/11/2021 Effective: 03/16/2021

Job Number: 21006269 Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 06/17/21 Time: 12:50

Received By (Initials): S Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler?
If YES, how many and where? _____ YES NO NA

Does date match collection date on COC? _____ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 940551108400746602135

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other: _____

6) Was temperature upon receipt 4°C- 2°C (if appropriate)?
If not, client contacted: _____ Proceed? YES NO NA

7) Was there evidence of cooling?
What kind? YES NO NA

Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: _____

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Laboratory Quality Control Results									
Residual Solvents				Batch ID: 2104995					
Method Blank			Laboratory Control Sample						
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		519	595	µg/g	87.2	70	- 130
Isobutane	ND	< 200		692	761	µg/g	90.9	70	- 130
Butane	ND	< 200		698	761	µg/g	91.7	70	- 130
2,2-Dimethylpropane	ND	< 200		839	955	µg/g	87.9	70	- 130
Methanol	ND	< 200		1590	1600	µg/g	99.4	70	- 130
Ethylene Oxide	ND	< 30		50.6	58.3	µg/g	86.8	70	- 130
2-Methylbutane	ND	< 200		1490	1600	µg/g	93.1	70	- 130
Pentane	ND	< 200		1540	1600	µg/g	96.3	70	- 130
Ethanol	ND	< 200		1620	1610	µg/g	100.6	70	- 130
Ethyl Ether	ND	< 200		1570	1600	µg/g	98.1	70	- 130
2,2-Dimethylbutane	ND	< 30		154	160	µg/g	96.3	70	- 130
Acetone	ND	< 200		1590	1600	µg/g	99.4	70	- 130
2-Propanol	ND	< 200		1600	1610	µg/g	99.4	70	- 130
Ethyl Formate	ND	< 500		1160	1610	µg/g	72.0	70	- 130
Acetonitrile	ND	< 100		470	481	µg/g	97.7	70	- 130
Methyl Acetate	ND	< 500		1470	1600	µg/g	91.9	70	- 130
2,3-Dimethylbutane	ND	< 30		170	164	µg/g	103.7	70	- 130
Dichloromethane	ND	< 60		467	490	µg/g	95.3	70	- 130
2-Methylpentane	ND	< 30		149	162	µg/g	92.0	70	- 130
MTBE	ND	< 500		1570	1610	µg/g	97.5	70	- 130
3-Methylpentane	ND	< 30		155	163	µg/g	95.1	70	- 130
Hexane	ND	< 30		144	163	µg/g	88.3	70	- 130
1-Propanol	ND	< 500		1680	1600	µg/g	105.0	70	- 130
Methylethylketone	ND	< 500		1660	1620	µg/g	102.5	70	- 130
Ethyl acetate	ND	< 200		1610	1600	µg/g	100.6	70	- 130
2-Butanol	ND	< 200		1760	1600	µg/g	110.0	70	- 130
Tetrahydrofuran	ND	< 100		463	485	µg/g	95.5	70	- 130
Cyclohexane	ND	< 200		1680	1610	µg/g	104.3	70	- 130
2-methyl-1-propanol	ND	< 500		1350	1610	µg/g	83.9	70	- 130
Benzene	ND	< 1		4.45	4.36	µg/g	102.1	70	- 130
Isopropyl Acetate	ND	< 200		1640	1610	µg/g	101.9	70	- 130
Heptane	ND	< 200		1470	1610	µg/g	91.5	70	- 130
1-Butanol	ND	< 500		1440	1610	µg/g	89.4	70	- 130
Propyl Acetate	ND	< 500		1500	1610	µg/g	93.2	70	- 130
1,4-Dioxane	ND	< 100		506	481	µg/g	105.2	70	- 130
2-Ethoxyethanol	ND	< 30		160	162	µg/g	98.8	70	- 130
Methylisobutylketone	ND	< 500		1390	1650	µg/g	84.2	70	- 130
3-Methyl-1-butanol	ND	< 500		1230	1610	µg/g	76.4	70	- 130
Ethylene Glycol	ND	< 200		509	484	µg/g	105.2	70	- 130
Toluene	ND	< 200		518	500	µg/g	103.6	70	- 130
Isobutyl Acetate	ND	< 500		1280	1610	µg/g	79.5	70	- 130
1-Pentanol	ND	< 500		1260	1610	µg/g	78.3	70	- 130
Butyl Acetate	ND	< 500		1310	1620	µg/g	80.9	70	- 130
Ethylbenzene	ND	< 200		1050	971	µg/g	108.1	70	- 130
m,p-Xylene	ND	< 200		1090	966	µg/g	112.8	70	- 130
o-Xylene	ND	< 200		1090	967	µg/g	112.7	70	- 130
Cumene	ND	< 30		176	164	µg/g	107.3	70	- 130
Anisole	ND	< 500		1720	1620	µg/g	106.2	70	- 130
DMSO	ND	< 500		1520	1640	µg/g	92.7	70	- 130
1,2-dimethoxyethane	ND	< 50		159	164	µg/g	97.0	70	- 130
Triethylamine	ND	< 500		1580	1600	µg/g	98.8	70	- 130
N,N-dimethylformamide	ND	< 150		517	518	µg/g	99.8	70	- 130
N,N-dimethylacetamide	ND	< 150		497	488	µg/g	101.8	70	- 130
Pyridine	ND	< 50		172	172	µg/g	100.0	70	- 130



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QC - Sample Duplicate Sample ID: 21-005985-0003

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g - Microgram per gram or ppm



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

Report Number: 21-006269/D002.R000
 Report Date: 06/15/2021
 ORELAP#: OR100028
 Purchase Order:
 Received: 06/07/21 12:50



Revision: 1.00 Control: CFL-C21
 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg				Batch ID: 2105143				
Matrix Spike/Matrix Spike Duplicate Recoveries		Sample ID: 21-006246-0001								
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Acephate	0.052	0.980	0.896	1.000	9.4%	< 30	92.7%	84.4%	50 - 150	
Acequinocyl	0.000	2.455	2.539	4.000	3.4%	< 30	61.4%	63.5%	50 - 150	
Acetamiprid	0.000	0.395	0.391	0.400	1.0%	< 30	98.8%	97.8%	50 - 150	
Aldicarb	0.000	0.795	0.789	0.800	0.8%	< 30	99.4%	98.6%	50 - 150	
Abamectin	0.000	0.677	0.760	1.000	11.5%	< 30	67.7%	76.0%	50 - 150	
Azoxystrobin	0.000	0.395	0.371	0.400	6.1%	< 30	98.7%	92.8%	50 - 150	
Bifenazate	0.000	0.404	0.404	0.400	0.0%	< 30	100.9%	100.9%	50 - 150	
Bifenthrin	0.000	0.373	0.428	0.400	13.7%	< 30	93.2%	106.9%	50 - 150	
Boscalid	0.000	0.821	0.729	0.800	11.9%	< 30	102.6%	91.1%	50 - 150	
Carbaryl	0.000	0.389	0.390	0.400	0.0%	< 30	97.4%	97.4%	50 - 150	
Carbofuran	0.000	0.388	0.386	0.400	0.6%	< 30	96.9%	96.4%	50 - 150	
Chlorantraniliprol	0.000	0.528	0.496	0.400	6.2%	< 30	132.0%	124.0%	50 - 150	
Chlorfenapyr	0.000	1.657	1.519	2.000	8.7%	< 30	82.8%	75.9%	50 - 150	
Chlorpyrifos	0.014	0.408	0.399	0.400	2.3%	< 30	98.4%	96.2%	50 - 150	
Clofentezine	0.000	0.350	0.340	0.400	3.0%	< 30	87.5%	84.9%	50 - 150	
Cyfluthrin	0.000	1.905	1.800	2.000	5.7%	< 30	95.3%	90.0%	30 - 150	
Cypermethrin	0.000	1.810	1.732	2.000	4.4%	< 30	90.5%	86.6%	50 - 150	
Daminozide	0.066	1.994	1.953	2.000	2.2%	< 30	96.4%	94.3%	30 - 150	
Diazinon	0.000	0.402	0.383	0.400	4.7%	< 30	100.5%	95.9%	50 - 150	
Dichlorvos	0.000	2.007	1.953	2.000	2.7%	< 30	100.3%	97.7%	50 - 150	
Dimethoat	0.000	0.402	0.395	0.400	1.8%	< 30	100.5%	98.7%	50 - 150	
Ethoprophos	0.000	0.406	0.396	0.400	2.3%	< 30	101.4%	99.1%	50 - 150	
Etofenprox	0.000	0.792	0.917	0.800	14.5%	< 30	99.1%	114.6%	50 - 150	
Etoxazol	0.000	0.368	0.357	0.400	3.2%	< 30	92.1%	89.2%	50 - 150	
Fenoxycarb	0.000	0.409	0.382	0.400	6.8%	< 30	102.2%	95.5%	50 - 150	
Fenpyroximat	0.000	0.848	0.832	0.800	1.9%	< 30	106.0%	104.0%	50 - 150	
Fipronil	0.000	0.758	0.750	0.800	1.1%	< 30	94.7%	93.7%	50 - 150	
Fonicamid	0.000	0.992	0.957	1.000	3.6%	< 30	99.2%	95.7%	50 - 150	
Fludioxonil	0.000	0.882	0.794	0.800	10.5%	< 30	110.2%	99.3%	50 - 150	
Hexythiazox	0.000	1.040	1.023	1.000	1.7%	< 30	104.0%	102.3%	50 - 150	
Imazalil	0.000	0.414	0.397	0.400	4.2%	< 30	103.4%	99.2%	50 - 150	
Imidacloprid	0.000	0.772	0.765	0.800	1.0%	< 30	96.5%	95.6%	50 - 150	
Kresoxim-Methyl	0.000	0.787	0.774	0.800	1.6%	< 30	98.4%	96.8%	50 - 150	
Malathion	0.000	0.419	0.397	0.400	5.5%	< 30	104.8%	99.2%	50 - 150	
Metaxalyl	0.000	0.384	0.397	0.400	3.4%	< 30	95.9%	99.2%	50 - 150	
Methiocarb	0.000	0.376	0.330	0.400	13.1%	< 30	94.0%	82.5%	50 - 150	
Methomyl	0.000	0.788	0.726	0.800	8.1%	< 30	98.5%	90.8%	50 - 150	
MGK 264	0.000	0.265	0.271	0.400	2.1%	< 30	66.2%	67.7%	50 - 150	
Myclobutanil	0.000	0.369	0.356	0.400	3.8%	< 30	92.4%	88.9%	50 - 150	
Naled	0.000	0.957	0.948	1.000	0.9%	< 30	95.7%	94.8%	50 - 150	
Oxamyl	0.000	1.963	1.846	2.000	6.2%	< 30	98.1%	92.3%	50 - 150	
Paclobutrazol	0.000	0.795	0.772	0.800	3.0%	< 30	99.4%	96.4%	50 - 150	
Parathion Methyl	0.000	0.798	0.773	0.800	3.2%	< 30	99.8%	96.7%	30 - 150	
Permethrin	0.000	0.319	0.321	0.400	0.7%	< 30	79.7%	80.2%	50 - 150	
Phosmet	0.000	0.401	0.409	0.400	2.0%	< 30	100.1%	102.2%	50 - 150	
Piperonyl butoxide	0.000	1.950	1.942	2.000	0.4%	< 30	97.5%	97.1%	50 - 150	
Prallethrin	0.000	0.412	0.420	0.400	2.0%	< 30	102.9%	104.9%	50 - 150	
Propiconazole	0.000	0.777	0.758	0.800	2.4%	< 30	97.1%	94.8%	50 - 150	
Propoxur	0.000	0.391	0.384	0.400	1.8%	< 30	97.7%	95.9%	50 - 150	
Pyrethrins	0.000	0.335	0.318	0.413	5.3%	< 30	81.2%	77.1%	50 - 150	
Pyridaben	0.000	0.322	0.319	0.400	1.0%	< 30	80.5%	79.7%	50 - 150	
Spinosad	0.000	0.386	0.413	0.388	6.8%	< 30	99.4%	106.5%	50 - 150	
Spiromesifen	0.000	0.370	0.364	0.400	1.6%	< 30	92.5%	91.0%	50 - 150	
Spirotetramat	0.000	0.426	0.409	0.400	4.1%	< 30	106.5%	102.3%	50 - 150	
Spiroxamine	0.000	0.789	0.782	0.800	0.9%	< 30	98.7%	97.8%	50 - 150	
Tebuconazol	0.000	0.786	0.751	0.800	4.6%	< 30	98.3%	93.8%	50 - 150	
Thiadoprid	0.000	0.384	0.370	0.400	3.7%	< 30	95.9%	92.5%	50 - 150	
Thiamethoxam	0.000	0.405	0.351	0.400	14.4%	< 30	101.2%	87.7%	50 - 150	
Trifloxystrobin	0.000	0.399	0.383	0.400	4.0%	< 30	99.8%	95.9%	50 - 150	



12423 NE Whitaker Way
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Report Number: 21-006269/D002.R000
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Received: 06/07/21 12:50

Revision: 1.00 Control: CFL-C21
 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662		Units: mg/Kg		Batch ID: 2105143				
Method Blank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Acephate	0.019	< 0.250		0.981	1.000	98.1	68.6 - 127	
Acequinocyl	0.000	< 1.000		2.998	4.000	74.9	67.8 - 126	
Acetamiprid	0.000	< 0.100		0.416	0.400	103.9	69.0 - 128	
Aldicarb	0.000	< 0.200		0.801	0.800	100.1	69.8 - 130	
Abamectin	0.000	< 0.250		1.051	1.000	105.1	69.5 - 129	
Azoxystrobin	0.000	< 0.100		0.394	0.400	98.6	68.8 - 128	
Bifenazate	0.000	< 0.100		0.418	0.400	104.5	71.1 - 132	
Bifenthrin	0.000	< 0.100		0.385	0.400	96.4	68.8 - 128	
Boscalid	0.000	< 0.200		0.903	0.800	112.9	69.3 - 129	
Carbaryl	0.008	< 0.100		0.413	0.400	103.2	68.5 - 127	
Carbofuran	0.007	< 0.100		0.408	0.400	101.9	70.4 - 131	
Chlorantraniliprol	0.000	< 0.100		0.377	0.400	94.2	70.9 - 132	
Chlorfenapyr	0.000	< 0.500		2.068	2.000	103.4	68.4 - 127	
Chlorpyrifos	0.000	< 0.100		0.409	0.400	102.3	68.1 - 126	
Clofentezine	0.000	< 0.100		0.415	0.400	103.9	68.7 - 127	
Cyfluthrin	0.000	< 0.500		2.046	2.000	102.3	69.9 - 130	
Cypermethrin	0.000	< 0.500		2.064	2.000	103.2	69.2 - 129	
Daminozide	0.082	< 0.500		2.037	2.000	101.9	69.4 - 129	
Diazinon	0.000	< 0.100		0.405	0.400	101.2	68.9 - 128	
Dichlorvos	0.000	< 0.500		2.031	2.000	101.5	67.1 - 125	
Dimethoat	0.000	< 0.100		0.407	0.400	101.6	69.0 - 128	
Ethoprophos	0.000	< 0.100		0.422	0.400	105.5	68.0 - 126	
Etofenprox	0.000	< 0.200		0.791	0.800	98.9	68.5 - 127	
Etoxazol	0.000	< 0.100		0.403	0.400	100.6	67.9 - 126	
Fenoxycarb	0.000	< 0.100		0.402	0.400	100.6	68.5 - 127	
Fenpyroximat	0.000	< 0.200		0.806	0.800	100.8	68.4 - 127	
Fipronil	0.000	< 0.200		0.836	0.800	104.4	70.2 - 130	
Flonicamid	0.000	< 0.250		1.008	1.000	100.8	68.5 - 127	
Fludoxonil	0.000	< 0.200		0.825	0.800	103.1	69.9 - 130	
Hexythiazox	0.000	< 0.250		1.012	1.000	101.2	67.7 - 126	
Imazalil	0.000	< 0.100		0.423	0.400	105.7	71.5 - 133	
Imidacloprid	0.000	< 0.200		0.821	0.800	102.6	68.0 - 126	
Kresoxim-Methyl	0.000	< 0.200		0.822	0.800	102.8	69.4 - 129	
Malathion	0.000	< 0.100		0.421	0.400	105.2	68.6 - 127	
Metaxalyl	0.000	< 0.100		0.413	0.400	103.3	68.5 - 127	
Methiocarb	0.000	< 0.100		0.352	0.400	87.9	68.5 - 127	
Methomyl	0.000	< 0.200		0.820	0.800	102.5	68.7 - 128	
MGK 264	0.000	< 0.100		0.398	0.400	99.5	68.4 - 127	
Myclobutanil	0.000	< 0.100		0.427	0.400	106.8	68.2 - 127	
Naled	0.000	< 0.250		1.014	1.000	101.4	69.8 - 130	
Oxamyl	0.000	< 0.500		2.068	2.000	103.4	69.3 - 129	
Paclobutrazol	0.000	< 0.200		0.809	0.800	101.2	68.8 - 128	
Parathion Methyl	0.000	< 0.200		1.091	0.800	136.4	69.5 - 129	Q1
Permethrin	0.000	< 0.100		0.392	0.400	97.9	69.0 - 128	
Phosmet	0.000	< 0.100		0.419	0.400	104.6	68.4 - 127	
Piperonyl butoxide	0.000	< 0.500		2.063	2.000	103.1	68.6 - 127	
Prallethrin	0.000	< 0.100		0.433	0.400	108.3	69.5 - 129	
Propiconazole	0.000	< 0.200		0.837	0.800	104.6	68.8 - 128	
Propoxur	0.003	< 0.100		0.402	0.400	100.6	68.0 - 126	
Pyrethrins	0.000	< 0.100		0.443	0.413	107.4	66.8 - 124	
Pyridaben	0.000	< 0.100		0.414	0.400	103.5	70.0 - 130	
Spinosad	0.000	< 0.100		0.407	0.388	104.9	72.2 - 134	
Spiromesifen	0.000	< 0.100		0.412	0.400	102.9	69.5 - 129	
Spirotetramat	0.000	< 0.100		0.416	0.400	104.1	68.6 - 127	
Spiroxamine	0.000	< 0.200		0.812	0.800	101.6	67.4 - 125	
Tebuconazol	0.000	< 0.200		0.859	0.800	107.4	69.2 - 128	
Thiadoprid	0.000	< 0.100		0.406	0.400	101.4	68.4 - 127	
Thiamethoxam	0.000	< 0.100		0.418	0.400	104.4	69.1 - 128	
Trifloxystrobin	0.000	< 0.100		0.401	0.400	100.4	68.4 - 127	



12423 NE Whitaker Way
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Report Date: 06/15/2021
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Received: 06/07/21 12:50



Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2105124;2105153						
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	0.178	0.2	%	89.1	85.0 - 115	Acceptable		
CBDV	0.190	0.2	%	94.9	85.0 - 115	Acceptable		
CBE	0.181	0.2	%	90.5	85.0 - 115	Acceptable		
CBDA	0.182	0.2	%	90.9	85.0 - 115	Acceptable		
CBGA	0.177	0.2	%	88.7	85.0 - 115	Acceptable		
CBG	0.182	0.2	%	91.0	85.0 - 115	Acceptable		
CBD	0.184	0.2	%	92.2	85.0 - 115	Acceptable		
THCV	0.180	0.2	%	89.8	85.0 - 115	Acceptable		
d8THCV	0.186	0.2	%	92.9	85.0 - 115	Acceptable		
THCVA	0.171	0.2	%	85.4	85.0 - 115	Acceptable		
CBN	0.189	0.2	%	94.4	85.0 - 115	Acceptable		
exo-THC	0.175	0.2	%	87.5	85.0 - 115	Acceptable		
d9THC	0.184	0.2	%	91.9	85.0 - 115	Acceptable		
d8THC	0.176	0.2	%	88.0	85.0 - 115	Acceptable		
CBL	0.174	0.2	%	87.2	85.0 - 115	Acceptable		
CBC	0.180	0.2	%	90.2	85.0 - 115	Acceptable		
THCA	0.173	0.2	%	86.6	85.0 - 115	Acceptable		
CBCA	0.171	0.2	%	85.7	85.0 - 115	Acceptable		
CBLA	0.192	0.2	%	96.1	85.0 - 115	Acceptable		
CBT	0.196	0.2	%	98.2	85.0 - 115	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<LOQ	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



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

Report Number: 21-006269/D002.R000
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Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2105124;2105153						
Sample Duplicate		Sample ID: 21-006022-0014						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	0.206	0.193	0.1	%	6.43	< 20	Acceptable	
CBGA	3.14	2.93	0.1	%	7.04	< 20	Acceptable	
CBG	0.995	0.929	0.1	%	6.88	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCV	0.123	0.115	0.1	%	7.06	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	0.293	0.276	0.1	%	6.12	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	23.4	21.9	0.1	%	6.96	< 20	Acceptable	
d8THC	<LOQ	0.392	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	53.7	53.7	0.1	%	0.0400	< 20	Acceptable	
CBCA	1.50	1.47	0.1	%	1.81	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.113	0.122	0.1	%	7.57	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent



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Report Number: 21-006269/D002.R000
Report Date: 06/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/07/21 12:50

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	Quantitation 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.