



Report Number: 20-006112/D02.R01

Report Date: 06/23/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:00

This is an amended version of report# 20-006112/D02.R00. Reason: Results reported in mg/1.7oz.

Customer: Nightingale Remedies

Product identity: Full Spectrum Cream (T Free)

Client/Metrc ID:

Laboratory ID: 20-006112-0001 Sample Date: 06/15/20

Summary

Potency:

Analyte per 1.7oz.	Result	Limits	Units	Status	CBD-Total per 1.7oz.	270 mg/1.7oz.
CBC per 1.7oz.	2.77		mg/1.7oz.			
CBD per 1.7oz.	270		mg/1.7oz.		THC-Total per 1.7oz.	<loq< td=""></loq<>
CBG per 1.7oz.	8.58		mg/1.7oz.			
CBN per 1.7oz.	2.78		mg/1.7oz.		(Reported in milligra	ams per serving)

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.





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Customer: Nightingale Remedies

Product identity: Full Spectrum Cream (T Free)

Client/Metrc ID:

Sample Date: 06/15/20

Laboratory ID: 20-006112-0001 Relinquished by: Patrick Brennan

Temp: 20.8 °C

Sample Results

Potency per 1.7oz.	Method J AOAC 2	2015 V98-6 (mod)	Batch: 2005059		Analyze: 6/16/20 9:47:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1.7oz.	2.77		mg/1.7oz.	1.57	
CBC-A per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
CBC-Total per 1.7oz.	< LOQ		mg/1.7oz.	2.94	
CBD per 1.7oz.	270		mg/1.7oz.	1.57	
CBD-A per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
CBD-Total per 1.7oz.	270		mg/1.7oz.	2.94	
CBDV per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
CBDV-A per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
CBDV-Total per 1.7oz.	< LOQ		mg/1.7oz.	2.93	
CBG per 1.7oz.	8.58		mg/1.7oz.	1.57	
CBG-A per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
CBG-Total per 1.7oz.	8.58		mg/1.7oz.	2.93	
CBL per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
CBN per 1.7oz.	2.78		mg/1.7oz.	1.57	
$\Delta 8$ -THC per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
$\Delta 9$ -THC per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
THC-A per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
THC-Total per 1.7oz.	< LOQ		mg/1.7oz.	2.94	
THCV per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
THCV-A per 1.7oz.	< LOQ		mg/1.7oz.	1.57	
THCV-Total per 1.7oz.	< LOQ		mg/1.7oz.	2.94	
Total Cannabinoids 1.7oz.	284		mg/1.7oz.		

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2004990	06/18/20	AOAC 2014.05 (RAPID)	Χ
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2004990	06/18/20	AOAC 2014.05 (RAPID)	X





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Pesticides	Method	AOAC	2007.01 & EN	15662 (mod)	Units mg/kg Ba	atch 2005056	Analy	ze 06/17/20 12:22 PM
Analyte	Result	Limits	LOQ Status	Notes	Analyte	Result	Limits	LOQ Status Notes
Abamectin	< LOQ	0.50	0.250 pass		Acephate	< LOQ	0.40	0.250 pass
Acequinocyl	< LOQ	2.0	1.00 pass		Acetamiprid	< LOQ	0.20	0.100 pass
Aldicarb	< LOQ	0.40	0.200 pass		Azoxystrobin	< LOQ	0.20	0.100 pass
Bifenazate	< LOQ	0.20	0.100 pass		Bifenthrin	< LOQ	0.20	0.100 pass
Boscalid	< LOQ	0.40	0.200 pass		Carbaryl	< LOQ	0.20	0.100 pass
Carbofuran	< LOQ	0.20	0.100 pass		Chlorantraniliprole	e < 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		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 butoxid	le < 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	0.0351	2005084	06/17/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0351	2005084	06/17/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0351	2005084	06/17/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0175	2005084	06/17/20	AOAC 2013.06 (mod.)	Χ





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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

cfu/g = Colony forming units per gram g = Grammg/kg = Milligram per kilogram = parts per million (ppm) mg/1.7oz. = Milligram per 1.7oz. % = Percentage of sample % wt = μ g/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager





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	No. of the last		5						alo lin il santo	0000				
Company: NECHTEGALE Contact: PATEUR BREWN Street: 17152 SW UPPER BROWS FRAY City: Du RIMM State: OR Zip: 4224 Email Results: Ph: Fx Results:		STATE	X Yenst - WELDER	METALS	A PETITION X	Reque	ested				Proje Pr Custon Report Tur	ect Number: oject Name: n Reporting: to State - □ M	ETRC or □ Oth	er: ② Rush * □ Priority Rush * ability Comments/Metrc ID
Relinquished By: Date Time			Receive	ed by:			Da	te	Time				Lab Use Or	nly:
Dar332 6/15 12py	Pr	NU					6-1	5-20	12:00	2	Evidenc Sample i Cash	e of cooling: 🗆 n good conditi	yes □ No - Te on: □ yes □ No	or Client drop off

2 2	† - Sample type codes: Topicals (L); Edibles (E); Tincture (T); Bath
310) 526-1174	Report unit options: %; mg/g; mg/serving

Samples submitted to CL with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these ter

12423 NE Whitaker Way Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452 info@columbialaboratories.com

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20-006112/D02.R01

Report Date:

06/23/2020

ORELAP#:

Received:

OR100028

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06/15/20 12:00



Hemp Products Chain of Custody Record

Revision: 0.00 Control#: CF002 Rev: 02/27/2020 Eff: 02/27/2020 ORELAP ID: **OR100028**

PRICING AND CHARGES

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Laboratories (herein referred to as "the LAB". Standard pricing applies unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

DELIVERY AND LIABILITY LIMITATIONS

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

CONFIDENTIALITY

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

LIMITATION OF LIABILITY AND WARRANTY

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

PAST DUE ACCOUNTS

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1½% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

EXPERT TESTIMONY AND COURT APPEARANCES

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

APPLICABLE LAW

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws

Samples submitted to CL with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

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Report Number: 20-006112/D02.R01

Report Date: 06/23/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:00

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

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 Wethod Blank	Units: mg/Kg Batch ID: 2005056 Laboratory Control Sample												
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes					
Acephate	0.009	< 0.200	I III	1.051	1.000	105.1	71.8 - 108	I					
Acequinocyl	0.000	< 1.000		3.298	4.000	82.5	66.4 - 123						
Acetamiprid	0.000	< 0.100	1	0.440	0.400	110.0	77.0 - 111						
Aldicarb	0.000	< 0.200	1	0.826	0.800	103.3	67.8 - 126						
Abamectin	0.000	< 0.288	-	1.008	1.000	100.8	75.3 - 118						
Azoxystrobin	0.000	< 0.100		0.487	0.400	121.8	75.7 - 114	Q1					
Bifenazate	0.000	< 0.100		0.514	0.400	128.6	76.3 - 120	Q1					
Bifenthrin	0.000	< 0.100	1	0.386	0.400	96.6	76.3 - 120	Q1					
Boscalid	0.000	< 0.100	1	1.047	0.800	130.8	76.8 - 122	Q1					
Carbaryl	0.000	< 0.100	-	0.422	0.400	105.5	76.5 - 111	Qı					
Carbofuran	0.000	< 0.100		0.444	0.400	111.0	76.8 - 113						
Chlorantraniliprol	0.000	< 0.100	-	0.441	0.400	110.3	70.6 - 124						
Chlorfenapyr	0.359	< 1.000	-	2.154	2.000	107.7	68.6 - 127						
Chlorpyrifos	0.000	< 0.100	1	0.407	0.400	101.8	71.4 - 110						
Clofentezine	0.005	< 0.100	1	0.227	0.400	56.8	47.8 - 88.8						
			1			105.7							
Cyfluthrin	0.000	< 1.000		2.115	2.000	97.5							
Cypermethrin		< 1.000		1.951	2.000								
Daminozide Diazinon	0.064	< 1.000 < 0.100		0.703 0.414	0.400	35.1 103.4	21.8 - 40.5 76.1 - 114						
			1		100 COP CO 0								
Dichlorvos	0.000	< 0.500	1	2.363	2.000	118.1	77.2 - 121						
Dimethoat	0.000	< 0.100		0.428	0.400	106.9	73.5 - 111						
Ethoprophos	0.009	< 0.100	1	0.507	0.400	126.8	75.4 - 113	Q1					
Etofenprox	0.000	< 0.100		0.734	0.800	91.7	75.5 - 110						
Etoxazol	0.032	< 0.100		0.407	0.400	101.7	75.8 - 141						
Fenoxycarb	0.000	< 0.100		0.418	0.400	104.5	68.2 - 127						
Fenpyroximat	0.007	< 0.100		0.809	0.800	101.1	80.1 - 108						
Fipronil	0.000	< 0.100		0.854	0.800	106.8	66.7 - 124						
Flonicamid	0.000	< 0.400		1.095	1.000	109.5	77.2 - 117						
Fludioxonil	0.000	< 0.100		1.307	0.800	163.4	68.6 - 125	Q1					
Hexythiazox	0.006	< 0.400		1.006	1.000	100.6	74.1 - 111						
Imazalil	0.000	< 0.100		0.434	0.400	108.5	70.9 - 114						
Imidacloprid	0.008	< 0.200		0.852	0.800	106.5	78.2 - 114						
Kresoxim-Methyl	0.000	< 0.100		0.875	0.800	109.4	78.0 - 113						
Malathion	0.000	< 0.100		0.568	0.400	142.0	78.9 - 114	Q1					
Metalaxyl	0.002	< 0.100		0.422	0.400	105.4	76.2 - 110						
Methiocarb	0.000	< 0.100		0.503	0.400	125.8	77.6 - 115	Q1					
Methomyl	0.000	< 0.200		0.828	0.800	103.5	75.6 - 112						
MGK 264	0.000	< 0.100		0.421	0.400	105.2	74.3 - 118						
Myclobutanil	0.016	< 0.100		0.495	0.400	123.8	77.6 - 115	Q1					
Naled	0.002	< 0.200		0.387	1.000	38.7	48.6 - 90.3	Q6					
Oxamyl	0.000	< 0.400		2.036	2.000	101.8	70.2 - 115						
Paclobutrazol	0.000	< 0.200		1.119	0.800	139.8	75.7 - 119	Q1					
Parathion Methyl	0.000	< 0.200		0.892	0.800	111.5	67.6 - 125						
Permethrin	0.000	< 0.100		0.402	0.400	100.6	79.7 - 108						
Phosmet	0.000	< 0.100		0.416	0.400	104.0	76.2 - 113						
Piperonyl butoxide	0.036	< 1.000		1.970	2.000	98.5	79.5 - 115						
Prallethrin	0.023	< 0.200		0.387	0.400	96.8	69.1 - 128						
Propiconazole	0.000	< 0.200	i l	0.875	0.800	109.4	79.4 - 113						
Propoxur	0.001	< 0.100		0.430	0.400	107.5	77.1 - 110						
Pyrethrins	0.002	< 0.500		0.436	0.413	105.7	76.8 - 117						
Pyridaben	0.004	< 0.100		0.382	0.400	95.5	77.3 - 111	İ					
Spinosad	0.000	< 0.100	1 -	0.445	0.388	114.6	74.6 - 123						
Spiromesifen	0.000	< 0.100		0.392	0.400	98.0	76.1 - 114						
Spirotetramat	0.000	< 0.100		0.503	0.400	125.8	76.8 - 113	Q1					
Spiroxamine	0.000	< 0.100		0.977	0.800	122.2	73.6 - 112	Q1					
Tebuconazol	0.001	< 0.200	1	0.863	0.800	107.9	76.9 - 114						
Thiacloprid	0.000	< 0.100	1	0.425	0.400	106.3	77.0 - 111						
Thiamethoxam	0.000	< 0.100	1	0.427	0.400	106.7	73.4 - 116	-					
	0.000	0.100	1	0.727	0.400	100.7	1.5.7						





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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					tch ID: 200505	6
Matrix Spike/Matrix Spike	Duplicate Reco		*******	0.000.00				20-006001-0		
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit		MSD % Rec	Limits	Notes
Acephate	0.000	1.292	1.295	1.000	0.3	< 30	129.2	129.5	50 - 150	
Acequinocyl	0.000	5.730	1.368	4.000	122.9	< 30	143.3	34.2	50 - 150	R,Q
Acetamiprid	0.000	0.647	0.647	0.400	0.0	< 30	161.8	161.8	50 - 150	Q1
Aldicarb	0.000	1.082	1.110	0.800	2.5	< 30	135.3	138.7	50 - 150	
Abamectin	0.000	1.392	1.446	1.000	3.8	< 30	139.2	144.6	50 - 150	
Azoxystrobin	0.000	0.601	0.672	0.400	11.1	< 30	150.2	168.0	50 - 150	Q1
Bifenazate	0.000	0.568	0.494	0.400	14.0	< 30	142.1	123.5	50 - 150	
Bifenthrin	0.000	0.398	0.398	0.400	0.0	< 30	99.4	99.4	50 - 150	
Boscalid	0.000	1.428	1.370	0.800	4.1	< 30	178.5	171.3	50 - 150	Q1
Carbaryl	0.000	0.628	0.648	0.400	3.1	< 30	156.9	161.9	50 - 150	Q1
Carbofuran	0.000	0.695	0.699	0.400	0.7	< 30	173.6	174.8	50 - 150	Q1
Chlorantraniliprol	0.000	0.526	0.488	0.400	7.5	< 30	131.5	122.0	50 - 150	
Chlorfenapyr	0.000	2.787	2.644	2.000	5.3	< 30	139.4	132.2	50 - 150	
Chlorpyrifos	0.000	0.378	0.386	0.400	2.1	< 30	94.5	96.5	50 - 150	
Clofentezine	0.005	0.322	0.284	0.400	12.5	< 30	79.3	69.8	50 - 150	
Cyfluthrin	0.000	3.345	3.382	2.000	1.1	< 30	167.2	169.1	30 - 150	Q1
Cypermethrin	0.000	2.990	2.890	2.000	3.4	< 30	149.5	144.5	50 - 150	
Daminozide	0.000	1.168	1.212	2.000	3.7	< 30	58.4	60.6	30 - 150	
Diazinon	0.000	0.508	0.480	0.400	5.6	< 30	127.0	120.1	50 - 150	1
Dichlorvos	0.000	2.800	2.760	2.000	1.4	< 30	140.0	138.0	50 - 150	i e
Dimethoat	0.000	0.590	0.583	0.400	1.2	< 30	147.4	145.7	50 - 150	
thoprophos	0.009	0.505	0.430	0.400	16.2	< 30	124.0	105.1	50 - 150	
Etofenprox	0.000	1.024	1.026	0.800	0.2	< 30	128.0	128.2	50 - 150	
toxazol	0.000	0.425	0.380	0.400	11.2	< 30	106.2	94.9	50 - 150	
enoxycarb	0.000	0.576	0.530	0.400	8.3	< 30	143.9	132.5	50 - 150	
enpyroximat	0.007	1.029	0.977	0.800	5.3	< 30	127.8	121.2	50 - 150	
ipronil	0.000	1.307	1.312	0.800	0.4	< 30	163.3	164.0	50 - 150	Q1
lonicamid	0.000	0.934	0.909	1.000	2.7	< 30	93.4	90.9	50 - 150	
Fludioxonil	0.000	1.093	1.076	0.800	1.6	< 30	136.7	134.5	50 - 150	
Hexythiazox	0.005	1.613	1.548	1.000	4.1	< 30	160.8	154.2	50 - 150	Q1
mazalil	0.000	0.661	0.703	0.400	6.1	< 30	165.2	175.7	50 - 150	Q1
midacloprid	0.007	0.719	0.696	0.800	3.2	< 30	88.9	86.1	50 - 150	
(resoxim-Methyl	0.000	1.138	1.039	0.800	9.1	< 30	142.3	129.9	50 - 150	
Malathion	0.000	0.700	0.691	0.400	1.3	< 30	175.0	172.7	50 - 150	Q1
Vietalaxyl	0.002	0.585	0.560	0.400	4.3	< 30	145.7	139.5	50 - 150	1
Methiocarb	0.000	0.630	0.620	0.400	1.7	< 30	157.6	154.9	50 - 150	Q1
Viethomyl	0.000	0.883	0.856	0.800	3.2	< 30	110.4	107.0	50 - 150	
VIGK 264	0.000	0.539	0.521	0.400	3.4	< 30	134.8	130.3	50 - 150	
Vyclobutanil	0.000	0.524	0.508	0.400	3.2	< 30	131.1	127.0	50 - 150	
Valed	0.002	1.479	1.495	1.000	1.0	< 30	147.7	149.3	50 - 150	-
Oxamyl	0.000	2.096	2.187	2.000	4.3	< 30	104.8	109.4	50 - 150	1
Paclobutrazol	0.000	1.474	1.423	0.800	3.5	< 30	184.2	177.9	50 - 150	Q1
Parathion Methyl	0.000	1.502	1.474	0.800	1.8	< 30	187.7	184.3	30 - 150	Q1
Permethrin	0.000	0.490	0.489	0.400	0.2	< 30	122.5	122.3	50 - 150	Qı
Phosmet	0.000	0.490	0.522	0.400	3.9	< 30	135.8	130.5	50 - 150	
Piperonyl butoxide	0.000	2.399	2.417	2.000	0.8	< 30	118.2	119.1	50 - 150	
Prallethrin	0.035	0.529	0.525	0.400	0.8	< 30	126.8	126.0	50 - 150	-
Propiconazole	0.000	1.050	1.019	0.400	3.0	< 30	131.2	127.3	50 - 150	1
				0.400				154.2		01
ropoxur	0.000	0.604	0.617		2.1	< 30	151.0			Q1
yrethrins	0.005	0.616	0.618	0.413	0.3	< 30	147.9	148.3		01
yridaben	0.004	0.738	0.738	0.400	0.0	< 30	183.5	183.5	50 - 150	Q1
pinosad	0.000	0.608	0.593	0.388	2.5	< 30	156.6	152.8	50 - 150	Q1
piromesifen	0.000	0.696	0.671	0.400	3.7	< 30	174.1	167.8	50 - 150	Q1
pirotetramat	0.000	0.501	0.417	0.400	18.4	< 30	125.2	104.2	50 - 150	
piroxamine	0.000	1.327	1.301	0.800	2.0	< 30	165.9	162.6	50 - 150	Q1
ebuconazol	0.000	1.008	1.021	0.800	1.2	< 30	126.1	127.6	50 - 150	
hiadoprid	0.000	0.619	0.620	0.400	0.1	< 30	154.8	155.1	50 - 150	Q1
Thiamethoxam	0.000	0.369	0.368	0.400	0.3	< 30	92.2	92.0	50 - 150	
Trifloxystrobin	0.000	0.522	0.501	0.400	2.7	< 30	130.4	125.2	50 - 150	1





Report Number: 20-006112/D02.R01

Report Date: 06/23/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:00

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		•	Bat	ch ID: 2005059		
Laboratory C	ontrol Sample						
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00970	0.01	%	97.0	85.0 - 115	Acceptable	
CBDV	0.00992	0.01	%	99.2	85.0 - 115	Acceptable	
CBD-A	0.00962	0.01	%	96.2	85.0 - 115	Acceptable	
CBG-A	0.00966	0.01	%	96.6	85.0 - 115	Acceptable	
CBG	0.00970	0.01	%	97.0	85.0 - 115	Acceptable	
CBD	0.00915	0.01	%	91.5	85.0 - 115	Acceptable	
THCV	0.00932	0.01	%	93.2	85.0 - 115	Acceptable	
THCVA	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
CBN	0.00949	0.01	%	94.9	85.0 - 115	Acceptable	
THC	0.00970	0.01	%	97.0	85.0 - 115	Acceptable	
D8THC	0.00935	0.01	%	93.5	85.0 - 115	Acceptable	
CBL	0.00989	0.01	%	98.9	85.0 - 115	Acceptable	
CBC	0.00972	0.01	%	97.2	85.0 - 115	Acceptable	
THCA	0.00928	0.01	%	92.8	85.0 - 115	Acceptable	
CBCA	0.00964	0.01	%	96.4	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBD-A	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBG-A	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBG	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBD	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCVA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBN	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
D8THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBL	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td>·</td></loq<>	0.003	%	< 0.003	Acceptable	·
THCA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBCA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent





Report Number: 20-006112/D02.R01

Report Date: 06/23/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:00

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

Laboratory Quality Control Results

J AOAC 2015	AOAC 2015 V98-6 Batch ID: 2005059												
Sample Dupli	cate				Samı	ole ID: 20-0059	77-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes					
CBDV-A	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
CBDV	0.0341	0.0334	0.003	%	2.24	< 20	Acceptable						
CBD-A	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
CBG-A	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
CBG	0.0294	0.0288	0.003	%	2.17	< 20	Acceptable						
CBD	2.20	2.16	0.003	%	1.47	< 20	Acceptable						
THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
THCVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
CBN	0.00490	0.00493	0.003	%	0.504	< 20	Acceptable						
THC	0.0830	0.0816	0.003	%	1.73	< 20	Acceptable						
D8THC	0.00321	0.00339	0.003	%	5.47	< 20	Acceptable						
CBL	0.00886	0.00891	0.003	%	0.538	< 20	Acceptable						
CBC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
THCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable						
CBCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 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





Report Number: 20-006112/D02.R01

Report Date: 06/23/2020 ORELAP#: OR100028

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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
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.