



Report Number: 21-003468/D04.R03

Report Date: 05/05/2021 ORELAP#: OR100028

**Purchase Order:** 

Received: 03/31/21 10:45

This is an amended version of report# 21-003468/D04.R02. Reason: Updated report formatting.

Good Ol' Boys LLC Customer:

Product identity: Oral Tincture 1000mg/1oz/30ml

Client/Metrc ID: Lot # 20402 Laboratory ID: 21-003468-0001



## Summary

Potency:

Analyte	Result	Limits	Units	Status		
CBC	0.433		%		Total Cannabinoids per 30ml	1,150mg/30m
CBD	3.24		%			
CBDV <sup>†</sup>	0.0773		%		FILLIBRID	
CBG <sup>†</sup>	0.122		%		THC-Total (%)	< LOQ
CBL <sup>†</sup>	0.0156		%		1110-10tal (76)	LOW
CBN	0.163		%			
Analyte per 30ml	Result	Limits	Units	Status		
CBC per 30ml <sup>†</sup>	123		mg/30ml			
CBD per 30ml	920		mg/30ml			
CBDV per 30ml†	22.0		mg/30ml			
CBG per 30ml <sup>†</sup>	34.6		mg/30ml			
CBL per 30ml <sup>†</sup>	4.43		mg/30ml			
CBN per 30ml	46.3		mg/30ml			





Purchase Order:

Received: 03/31/21 10:45

21-003468/D04.R03

05/05/2021

OR100028



Report Number:

Report Date:

ORELAP#:

Good Ol' Boys LLC Customer:

**Product identity:** Oral Tincture 1000mg/1oz/30ml

Client/Metrc ID: Lot # 20402 Sample Date: 03/22/21 16:00 21-003468-0001 Laboratory ID:

**Evidence of Cooling:** 15.9 °C Temp: Density: 0.9466 g/ml Serving Size #1: 28.398 g

# Sample Results

Potency	Method J AOA	AC 2015 V98-6 (mod)	Units %	Batch: 2103011	Analyze: 4/3/21 2:34:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.433		%	0.0032	
CBC-A†	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
CBC-Total†	0.433		%	0.0060	
CBD	3.24		%	0.0319	
CBD-A	< LOQ		%	0.0032	
CBD-Total	3.24		%	0.0348	
CBDV†	0.0773		%	0.0032	
CBDV-A <sup>†</sup>	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
CBDV-Total <sup>†</sup>	0.0773		%	0.0060	
CBG <sup>†</sup>	0.122		%	0.0032	
CBG-A†	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
CBG-Total	0.122		%	0.0060	
CBL <sup>†</sup>	0.0156		%	0.0032	
CBN	0.163		%	0.0032	
Δ8-THC <sup>†</sup>	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
Δ9-THC	< LOQ		%	0.0032	
THC-A	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
THC-Total	< LOQ		%	0.0060	
THCV†	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
THCV-A†	<loq< td=""><td></td><td>%</td><td>0.0032</td><td></td></loq<>		%	0.0032	
THCV-Total <sup>†</sup>	<loq< td=""><td></td><td>%</td><td>0.0060</td><td></td></loq<>		%	0.0060	
Total Cannabinoids†	4.05		%		

Potency per 30ml	Method J AOA	AC 2015 V98-6 (m	od) Units mg/se Ba	tch: 2103011	Analyze: 4/3/21 2:34:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 30ml <sup>†</sup>	123		mg/30ml	0.907	
CBC-A per 30ml <sup>†</sup>	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
CBC-Total per 30ml†	123		mg/30ml	1.70	
CBD per 30ml	920		mg/30ml	9.07	
CBD-A per 30ml	< LOQ		mg/30ml	0.907	
CBD-Total per 30ml	920		mg/30ml	9.87	
CBDV per 30ml <sup>†</sup>	22.0		mg/30ml	0.907	





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Potency per 30ml	Method J AOA	AC 2015 V98-6 (m	od) <b>Units</b> mg/se <b>Ba</b>	tch: 2103011	Analyze: 4/3/21 2:34:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBDV-A per 30ml†	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
CBDV-Total per 30ml <sup>†</sup>	22.0		mg/30ml	1.69	
CBG per 30ml <sup>†</sup>	34.6		mg/30ml	0.907	
CBG-A per 30ml <sup>†</sup>	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
CBG-Total per 30ml <sup>†</sup>	34.6		mg/30ml	1.69	
CBL per 30ml†	4.43		mg/30ml	0.907	
CBN per 30ml	46.3		mg/30ml	0.907	
∆8-THC per 30ml <sup>†</sup>	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
∆9-THC per 30ml	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
THC-A per 30ml	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
THC-Total per 30ml	<loq< td=""><td></td><td>mg/30ml</td><td>1.88</td><td></td></loq<>		mg/30ml	1.88	
THCV per 30ml†	<loq< td=""><td></td><td>mg/30ml</td><td>0.907</td><td></td></loq<>		mg/30ml	0.907	
THCV-A per 30ml <sup>†</sup>	< LOQ		mg/30ml	0.907	
THCV-Total per 30ml†	<loq< td=""><td></td><td>mg/30ml</td><td>1.87</td><td></td></loq<>		mg/30ml	1.87	
Total Cannabinoids†	1,150		mg/30ml		

Nutrition								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Density	0.9466		g/ml	0.1000	2103192	04/09/21	DMA 35™	X





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

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.

t = Analyte not NELAP accredited.

g = Gramg/ml = Gram per milliliter mg/30ml = Milligram per 30ml % = Percentage of sample % wt =  $\mu$ g/g divided by 10,000

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager





Report Number:

21-003468/D04.R03

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05/05/2021

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### Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 03/04/2021 ORELAP ID: OR100028



	C 101/0	110			(Se	e page		is Reques		ed test	s)			
Company: Good Ol' Boys LLC  Contact: Mark LeClair Sa  Street: 1437 Denver Avenue, Suite 289  City: Loveland State: CO Zip: 80538  Email Results: info@ Good Ol Boys LLC. Com  Ph: (970) 988-8297 Fx Results: ( )  Billing (if different):		cy (15 cannabinoid profile)								Pr Custom Report	oject Name:	ETRC or Other:		
Lab ID	Client Sample Identification	Date	Time	Potency (	Density							Sample Type †	Weight (Units)	Comments/Metrc ID
1	1000 mg/102 Dral Tincture Lot # 20402	3/22/21	4:00 pm									Т	loz bottle	See attached Comments (2) pages
2	300 mg /202 Pain Cream Lot # 20403	3/22/21	4#:00PM									Т	202 Container	a tensity requested
	Relinquished By:	Date	Time			Receiv	ved By:		Da	ite	Time			Lab Use Only:
7	Vand de Clair L	3/22/21	4:00 PM		)m	J			313	1121	10:146	Evidenc Sample Cash	e of cooling: 🗆 i	or    Client drop  res       14to - Temp (°C):

† - Sample Type Codes: Vegetation (V); Isolates (S); Extract/Concentrate (C); Tincture/Topical (T); Edible (E); Beverage (B)

12423 NE Whitaker Way Portland, OR 97230 Page\_ P: (503) 254-1794 | Fax: (503) 254-1452





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05/05/2021

ORELAP#:

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**Purchase Order:** Received:

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6	Columbia
(9)	LABORATORIES
-	ART or oderstrained countries.

#### Columbia Laboratories Sample Receipt Form

Revision: 2.00 Document Control: CF015 Revised: 01/11/2021 Effective: 03/16/2021

Job Numb	er: _2/	-003468	3		Searc	h Name:	Good	01' Bo	45		_	
Package/C	Cooler open	ed on (if dif	ferent than r	eceived dat	te/time	Date:	3/3/21	Time:	10:4:	5		
	By (Initials):		Logged in					MATERIA DE LA CONTRACTOR DE LA CONTRACTO				
		als on outsi	de of the pac	Cat has been a second		_		YES	NO	NA		
Does	date match	collection d	late on COC?	***********	*******			YES	NO	NA		
2) Was C	Chain of Cus	stody (COC)	included in ti	ne package	/cooler	?		VES	NO	NA		
3) Was C	OC signed	when relinq	uished and re	eceived? (ti	ime, dat	e)?		VES	NO	NA		
4) How v	was the pac	kage/cooler	delivered?									
UPS	) FEDI	EX	USPS	CLIEN	T COUF	RIER	OTHE		100 100 1	_		
Trac	king Numb	er (written i	n or copy of	shipping lat	oel):	t	V06	- 4	98	03	3056	2675
5) Was p	acking mat	erial used?						YES	NO	NA		
Pear	nuts Bub	ble Wrap	Foam Pap	er Other								
	, client cont		pt 4°C+- 2°C	(if appropr	iate)?			YES	NO NO	NA		
D # 1	there evide t kind?	nce of coolir	ng?					YES	NO	NA		
Blu	ie lce	Ice Co	oler Packs	Dry Io	e							
8) Were	all sample	containers s	ealed in sepa	rate plastic	c bags?			YES	NO	NA		
9) Did al	I sample co	ntainers arr	ive in good c	ondition?				YES	NO	NA		
10) Were	all sample	container la	bels complet	e?			•	YES	NO	NA		
11) Did al	I sample co	ntainer labe	els and tags a	gree with t	he COC	?		YES	NO	NA		
12) Were	correct sar	nple contain	ers used for	the tests in	dicated	?		YES	NO	NA		
13) Were	VOA vials	hecked for	absence of a	r bubbles (	note if f	ound)?		YES	NO	NA		
14) Was a	sufficient	amount of s	ample sent ir	n each sam	ple cont	ainer?		YES	NO	NA		
16) 5		rior to Ionia	. DOO DOO	R44	544	Ambien	4 Ch -15		bis Tabl	e Other		
	- 2	- /-	n: R99 R39	Kaa	F44	Milipien	conen	Canna	UIS 1 abi	otner	•	-
Explain an	y discrepar	ncies:										





Report Number: 21-003468/D04.R03

OR100028

Report Date: 05/05/2021 ORELAP#:

Purchase Order:

Received: 03/31/21 10:45

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

#### Laboratory Quality Control Results Batch ID: 2103011 J AOAC 2015 V98-6 **Laboratory Control Sample** Result Units **Evaluation** Notes Analyte % Rec CBDV-A 0.00977 0.01 % 97.7 85.0 115 Acceptable CBDV 0.00987 0.01 % 98.7 85.0 115 Acceptable CBD-A 0.00991 0.01 115 % Acceptable 96.7 115 85.0 CBG-A 0.00967 0.01 % Acceptable CBG 0.00982 0.01 % 98.2 85.0 115 Acceptable CBD 0.01 101 85.0 115 0.0101 % Acceptable THCV 0.00988 0.01 98.8 Acceptable % 115 93.8 85.0 THCVA 0.00938 0.01 % Acceptable CBN 0.0106 0.01 % 106 85.0 115 Acceptable THC 0.00989 0.01 % 98.9 85.0 115 Acceptable 0.01 85.0 115 D8THC 0.00972 % 97.2 Acceptable CBL 0.01 85.0 115 0.00894 % 89.4 Acceptable CBC 0.0102 0.01 % 102 85.0 115 Acceptable THCA 0.00991 0.01 99.1 85.0 115 Acceptable

#### Method Blank

CBCA

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td>440000</td></l0q<>	0.003	%	< 0.003	Acceptable	440000
CBDV	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBD-A	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBG-A	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBG	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBD	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
THCV	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCVA	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBN	<l0q< td=""><td>0.003</td><td>96</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	96	< 0.003	Acceptable	
THC	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
D8THC	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBL	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBC	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
THCA	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBCA	<l00< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l00<>	0.003	%	< 0.003	Acceptable	

94.8

0.01

%

85.0

115

Acceptable

#### **Abbreviations**

ND - None Detected at or above MRL RPD - Relative Percent Difference

0.00948

LOQ - Limit of Quantitation

#### Units of Measure:

% - Percent





Report Number: 21-003468/D04.R03

Report Date: 05/05/2021 ORELAP#:

OR100028

**Purchase Order:** 

03/31/21 10:45 Received:

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				Bato	h ID: 2103011		
Sample Dupl	icate				Samp	le ID: <b>21-0033</b>	87-0001	
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<loq< td=""><td><l0q< td=""><td>0.003</td><td>96</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>96</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	96	NA	< 20	Acceptable	
CBDV	0.0364	0.0361	0.003	%	1.03	< 20	Acceptable	
CBD-A	0.00655	0.00623	0.003	%	5.00	< 20	Acceptable	
CBG-A	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	%	NA	< 20	Acceptable	
CBG	0.113	0.110	0.003	%	3.04	< 20	Acceptable	
CBD	7.24	7.14	0.003	%	1.45	< 20	Acceptable	
THCV	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	%	NA	< 20	Acceptable	
THCVA	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	%	NA	< 20	Acceptable	
CBN	0.0170	0.0164	0.003	%	3.67	< 20	Acceptable	
THC	0.193	0.189	0.003	%	2.18	< 20	Acceptable	
D8THC	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	%	NA	< 20	Acceptable	
CBL	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	%	NA	< 20	Acceptable	
CBC	0.329	0.322	0.003	%	2.14	< 20	Acceptable	
THCA	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td>·</td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td>·</td></l0q<>	0.003	%	NA	< 20	Acceptable	·
CBCA	<loq< td=""><td><l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></l0q<>	0.003	%	NA	< 20	Acceptable	

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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**Purchase Order:** 

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#### Explanation of QC Flag Comments:

Code	Explanation							
Q	Matrix interferences affecting spike or surrogate recoveries.							
Q1	1 Quality control result biased high. Only non-detect samples reported.							
Q2	Quality control outside QC limits. Data considered estimate.							
QЗ	Sample concentration greater than four times the amount spiked.							
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.							
Q5								
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.							





Report Number: 20-006952/D03.R00

Report Date: 07/14/2020

ORELAP#: OR100028

Purchase Order:

Received: 07/06/20 12:15

Customer:

Product identity:

0083-01-002

Client/Metrc ID:

Laboratory ID:

20-006952-0001

Sample Date:

07/02/20

## **Summary**

### Potency:

Analyte	Result (%)	
CBD	57.1	CBD-Total 57.1%
CBC	6.63	• CBD
CBN	2.32	
CBG†	1.83	CBC THC-Total <loq< td=""></loq<>
CBDV <sup>†</sup>	1.17	CBG (Reported in percent of total sample)
CBL <sup>†</sup>	0.236	• CBDV
		• CBL

#### **Residual Solvents:**

All analytes passing and less than LOQ.

#### Pesticides:

All analytes passing and less than LOQ.

#### Metals:

Less than LOQ for all analytes.

#### Microbiology:

Less than LOQ for all analytes.

# **HEMP EXTRACT**

# **BATCH REPORT**

www.columbialaboratories.com

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.





**Report Number:** 

20-006952/D03.R00

Report Date:

07/14/2020

ORELAP#:

OR100028

Purchase Order:

Received:

07/06/20 12:15

**Customer:** 

Product identity:

0083-01-002

Client/Metrc ID:

Sample Date:

07/02/20

Laboratory ID:

20-006952-0001

Temp:

23 °C

# Sample Results

Potency	Metho	d J AOAC	2015 V	/98-6 (mod)	Batch: 2005609	<b>Analyze:</b> 7/8/20 5:45:00 AM	М
Analyte	As		.OQ	Notes			
	Received	weight					
CBC	6.63	0.0	0964				
CBC-A <sup>†</sup>	< LOQ	0.0	0096				CBD
CBC-Total†	6.63	0.	105				CBC
CBD	57.1	0.9	964				CBN CBG
CBD-A	<loq< td=""><td>0.0</td><td>0096</td><td></td><td></td><td></td><td>CBDV</td></loq<>	0.0	0096				CBDV
CBD-Total	57.1	0.9	973				CBL
CBDV <sup>†</sup>	1.17	0.0	0096				
CBDV-A <sup>†</sup>	< LOQ	0.0	0096				
CBDV-Total†	1.17	0.0	0180				
CBG <sup>†</sup>	1.83	0.0	0096				
CBG-A†	< LOQ	0.0	0096				
CBG-Total	1.83	0.0	0180				
CBL <sup>†</sup>	0.236	0.0	0096				
CBN	2.32	0.0	0096				
Δ8-THC <sup>†</sup>	<loq< td=""><td>0.0</td><td>0096</td><td></td><td></td><td></td><td></td></loq<>	0.0	0096				
Δ9-THC	< LOQ	0.0	0096				
THC-A	< LOQ	0.0	0096				
THC-Total	< LOQ	0.0	0181				
THCV <sup>†</sup>	< LOQ	0.0	0096				
THCV-A <sup>†</sup>	< LOQ	0.0	0096				
THCV-Total <sup>†</sup>	< LOQ	0.0	0180				
Total Cannabinoids†	69.3						

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2005559	07/09/20	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2005558	07/09/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2005558	07/09/20	AOAC 991.14 (Petrifilm)	X
Staphylococcus aureus	< LOQ		cfu/g	10	2005560	07/08/20	AOAC 2003.07	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	1	2005557	07/09/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	1	2005557	07/09/20	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/5g		2005563	07/08/20	AOAC 2016.01	X

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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 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





**Report Number:** 

20-006952/D03.R00

Report Date:

07/14/2020

ORELAP#:

OR100028

**Purchase Order:** 

Received:

07/06/20 12:15

Pesticides	Method	AOAC	2007.01 & EN	15662 (mod)	Units mg/kg	Batch 20	05611	Analy	ze 07/08/20 (	04:25 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< td=""><td>2.0</td><td>1.00 pass</td><td></td><td>Acetamiprid</td><td></td><td>&lt; LOQ</td><td>0.20</td><td>0.100 pass</td><td></td></loq<>	2.0	1.00 pass		Acetamiprid		< LOQ	0.20	0.100 pass	
Aldicarb	<loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Azoxystrobin</td><td></td><td>&lt; LOQ</td><td>0.20</td><td>0.100 pass</td><td></td></loq<>	0.40	0.200 pass		Azoxystrobin		< LOQ	0.20	0.100 pass	
Bifenazate	<loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Bifenthrin</td><td></td><td>&lt; LOQ</td><td>0.20</td><td>0.100 pass</td><td></td></loq<>	0.20	0.100 pass		Bifenthrin		< LOQ	0.20	0.100 pass	
Boscalid	<loq< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Carbaryl</td><td></td><td>&lt; LOQ</td><td>0.20</td><td>0.100 pass</td><td></td></loq<>	0.40	0.200 pass		Carbaryl		< LOQ	0.20	0.100 pass	
Carbofuran	<loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Chlorantranilip</td><td>role</td><td>&lt; LOQ</td><td>0.20</td><td>0.100 pass</td><td></td></loq<>	0.20	0.100 pass		Chlorantranilip	role	< 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< td=""><td>0.40</td><td>0.200 pass</td><td></td><td>Flonicamid</td><td></td><td>&lt; LOQ</td><td>1.0</td><td>0.400 pass</td><td></td></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	
lmazalil	< 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< td=""><td>1.0</td><td>0.500 pass</td><td></td><td>Paclobutrazole</td><td></td><td>&lt; LOQ</td><td>0.40</td><td>0.200 pass</td><td></td></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 buto	xide	< 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 (tota	al)	< LOQ	1.0	0.500 pass	
Pyridaben	<loq< td=""><td>0.20</td><td>0.100 pass</td><td></td><td>Spinosad</td><td></td><td>&lt; LOQ</td><td>0.20</td><td>0.100 pass</td><td></td></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	0.0531	2005650	07/09/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0531	2005650	07/09/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0531	2005650	07/09/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0266	2005650	07/09/20	AOAC 2013.06 (mod.)	X





Report Number:

20-006952/D03.R00

Report Date:

07/14/2020

ORELAP#:

OR100028

**Purchase Order:** 

Received:

07/06/20 12:15

Solvents	Method	EPA502	21A			Units µg/g Batch 2	2005591	Analyz	<b>ze</b> 07/0	08/20 (	08:01 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< td=""><td></td><td>30.0</td><td></td><td></td><td>2-Propanol (IPA)</td><td>&lt; LOQ</td><td>5000</td><td>200</td><td>pass</td><td></td></loq<>		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	<loq< td=""><td></td><td>30.0</td><td></td><td></td><td>2,2-Dimethylpropane</td><td>&lt; LOQ</td><td></td><td>200</td><td></td><td></td></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		Ethanol†	< LOQ		200		
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< td=""><td>50.0</td><td>30.0</td><td>pass</td><td></td><td>Hexanes (sum)</td><td>&lt; LOQ</td><td>290</td><td>150</td><td>pass</td><td></td></loq<>	50.0	30.0	pass		Hexanes (sum)	< LOQ	290	150	pass	
Isopropyl acetate	<loq< td=""><td>5000</td><td>200</td><td>pass</td><td></td><td>Isopropylbenzene</td><td>&lt; LOQ</td><td>70.0</td><td>30.0</td><td>pass</td><td></td></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							