



Report Number:	21-013745/D007.R000				
Report Date:	12/01/2021				
ORELAP#:	OR100028				
Purchase Order:					
Received:	11/22/21 10:49				

Customer: Product identity: Client/Metrc ID: Laboratory ID:	Wildflower Hemp 8 Jack 21-013745-0012	Co			
			Summary		
Potency:					
Analyte	Result (%)		THE		
$\Delta 8\text{-THC}^{\dagger}$	82.5			CBD-Total	<loq< th=""></loq<>
∆8-THCV	0.411				
CBT <sup>†</sup>	0.134		• 8-THC	THC-Total	<loq< th=""></loq<>
			• 8-THCV • CBT	(Reported in per	cent of total sample)
			bt	UK	<b>bia</b>
Terpenes:					
Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
Terpinolene <sup>†</sup>	1.31	37.43%	ß-Caryophyllene <sup>†</sup>	0.532	15.20%
(R)-(+)-Limonene <sup>↑</sup>	0.309	8.83%	Humulene <sup>†</sup>	0.247	7.06%
(-)-ß-Pinene <sup>†</sup>	0.172	4.91%	ß-Myrcene⁺	0.159	4.54%
cis-ß-Ocimene <sup>†</sup>	0.138	3.94%	valencenet	0.122	3.49%
a-pinene <sup>†</sup>	0.112	3.20%	(±)-trans-Nerolidol <sup>†</sup>	0.0993	2.84%
(-)-a-Terpineol⁺	0.0832	2.38%	d-3-Carene <sup>†</sup>	0.0613	1.75%
a-Terpinene <sup>†</sup>	0.0502	1.43%	a-phellandrene <sup>†</sup>	0.0419	1.20%
Linalool <sup>†</sup>	0.0350	1.00%	(+)-fenchol <sup>↑</sup>	0.0323	0.92%
Total Terpenes <sup>†</sup>	3.50	100.00%			

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Page 1 of 12 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 333-007-0430

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Report Number:	21-013745/D007.R000				
Report Date:	12/01/2021				
ORELAP#:	OR100028				
Purchase Order:					
Received:	11/22/21 10:49				

Customer:	Wildflower Hemp Co 65686 Clive Falls Rd 97703 United States of America (USA)
Product identity:	8 Jack
Client/Metrc ID:	
Sample Date:	
Laboratory ID:	21-013745-0012
Evidence of Cooling:	No
Temp:	21.2 °C
Relinquished by:	UPS

# Sample Results

Potency	Method J	AOAC 2015 V98-6 (mod	) Units %	Batch: 2110660	Analyze: 11/24/21	8:31:00 P
Analyte	As	Dry LOQ Notes				
	Received	weight				
CBC	< LOQ	0.0850				
CBC-A <sup>†</sup>	< LOQ	0.0850				
CBC-Total <sup>†</sup>	< LOQ	0.159				8-THC
CBD	< LOQ	0.0850				8-THC
CBD-A	< LOQ	0.0850				CBT
CBD-Total	< LOQ	0.159				
CBDV <sup>†</sup>	< LOQ	0.0850				
CBDV-A <sup>†</sup>	< LOQ	0.0850				
CBDV-Total <sup>†</sup>	< LOQ	0.159				
CBE <sup>†</sup>	< LOQ	0.0850				
CBG <sup>†</sup>	< LOQ	0.0850				
CBG-A <sup>†</sup>	< LOQ	0.0850				
CBG-Total	< LOQ	0.159				
CBL <sup>†</sup>	< LOQ	0.0850				
CBL-A <sup>†</sup>	< LOQ	0.0850				
CBL-Total <sup>†</sup>	< LOQ	0.159				
CBN	< LOQ	0.0850				
CBT <sup>†</sup>	0.134	0.0850				
A8-THC <sup>↑</sup>	82.5	0.850				
48-THCV	0.411	0.0850				
∆9-THC	< LOQ	0.0850				
THC-A	< LOQ	0.0850				
THC-Total	< LOQ	0.159				
<b>THCV</b> <sup>†</sup>	< LOQ	0.0850				
THCV-A <sup>†</sup>	< LOQ	0.0850				
THCV-Total <sup>†</sup>	< LOQ	0.159				
Total Cannabinoids <sup>†</sup>	83.0					

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 Testing in accordance with:
 OAR 333-007-0430



Result

1.31

0.309

0.172

0.138

0.112

0.0832

0.0502

0.0350

< LOQ

3.50

Method J AOAC 2015 V98-6

% of Total

37.43%

8.829%

4.914%

3.943%

3.200%

2.3771%

1.4343%

1.0000%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

LOQ

0.018

0.018

0.018

0.006

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

0.018

Terpenes

Terpinolene<sup>†</sup>

(-)-ß-Pinenet

a-pinene<sup>†</sup>

Linalool<sup>†</sup>

Menthol<sup>†</sup>

(-)-Guaiol<sup>†</sup>

a-cedrene<sup>†</sup>

farnesenet

p-Cymene<sup>†</sup>

**Total Terpenes** 

(+)-Borneol<sup>†</sup>

(-)-Isopulegol<sup>†</sup>

(±)-cis-Nerolidol<sup>†</sup>

cis-ß-Ocimene<sup>†</sup>

(-)-a-Terpineol<sup>†</sup>

a-Terpinene<sup>†</sup>

a-Bisabolol<sup>†</sup>

(±)-Camphor<sup>†</sup>

gamma-Terpinene<sup>†</sup>

Sabinene hydrate<sup>†</sup>

(R)-(+)-Limonene<sup>†</sup>

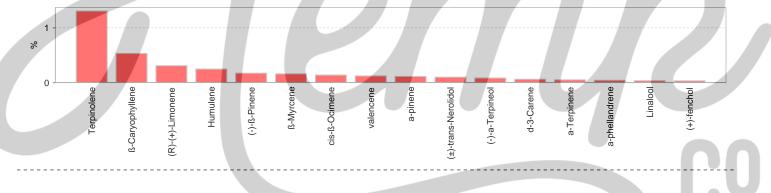
Analyte

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



Notes

taker Way	Report N	lumber:	21-0137	45/D007.R000				
8 97230	Report D	Date:	12/01/20	12/01/2021				
1794	ORELAP	P#:	OR1000	28				
	Purchas	e Order:						
	Received	d:	11/22/21	10:49				
Units % Batch 2	110736	Analyz	<b>e</b> 11/30/21	10:33 PM				
Analyte	Result	LOQ	% of Total	Notes				
ß-Caryophyllene <sup>↑</sup>	0.532	0.018	15.200%					
Humulene⁺	0.247	0.018	7.057%					
ß-Myrcene⁺	0.159	0.018	4.543%					
valencenet	0.122	0.018	3.486%					
(±)-trans-Nerolidol <sup>†</sup>	0.0993	0.018	2.8371%					
d-3-Carene <sup>†</sup>	0.0613	0.018	1.7514%					
a-phellandrene <sup>†</sup>	0.0419	0.018	1.1971%					
(+)-fenchol <sup>†</sup>	0.0323	0.018	0.9229%					
Geraniol <sup>†</sup>	< LOQ	0.018	0.00%					
Geranyl acetate <sup>†</sup>	< LOQ	0.018	0.00%					
trans-ß-Ocimene <sup>†</sup>	< LOQ	0.012	0.00%					
nerol <sup>†</sup>	< LOQ	0.018	0.00%					
Camphenet	< LOQ	0.018	0.00%					
(+)-Pulegone⁺	< LOQ	0.018	0.00%					
(-)-caryophyllene oxide <sup>†</sup>	< LOQ	0.018	0.00%					
(+)-Cedrol <sup>†</sup>	< LOQ	0.018	0.00%					
(±)-fenchone <sup>†</sup>	< LOQ	0.018	0.00%					
Eucalyptol <sup>†</sup>	< LOQ	0.018	0.00%					
Isoborneol <sup>†</sup>	< LOQ	0.018	0.00%					
Sabinenet	< LOQ	0.018	0.00%					



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 21-013745/D007.R000

 Report Date:
 12/01/2021

 ORELAP#:
 OR100028

 Purchase Order:
 Image: The section of the sec

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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, CCR title 16-division 42. BCC-section 5723

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.

<sup>†</sup> = Analyte not NELAP accredited.

### Units of Measure

% = Percentage of sample

% wt =  $\mu$ g/g divided by 10,000

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Testing in accordance with: OAR 333-007-0430

Approved Signatory

Derrick Tanner General Manager





**Report Number:** 21-013745/D007.R000 **Report Date:** 12/01/2021 **ORELAP#:** OR100028 Purchase Order: **Received:** 11/22/21 10:49



### Hemp / Cannabis Usable / Extract / Finished Products

## **Chain of Custody Record**

Document Control ID: 2732 Revision: 1 Effective: 05/04/2021 ORELAP ID: **OR100028** 

Company: WILDFLWEE HEMP CO Contact: GARY HALL E TARA PINTO Street: GORT CLINE FALLS RD. City (MARE DENO State: CR Zip: GP203 A Email Results: INDOWILD HOW MCR. MIPTO- CO Ph: GUI) 440 - 02750 FX Results: ( Billing (if different): Lab ID Client Sample Identification Date Time B PINEAPPIE EXPRESS II-19 10:50 B GDUZ TENNAMI II-19 10:50 B JACK II-19 0:50 C - CIEMENTIVE II-19 10:50 C - GD. P. II-19 10:50	Pesticides – OR 59 compo	Pesticide Multi-Residue – 3/9 compounds	olvents	Moisture & Water Activity	ast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	PO Number:         Project Number:         Project Name:         Custom Reporting:         Report to State -         METRC or         Other:         Turnaround time:         S Business Day Standard Turnaround         3 Business Day Rush Turnaround*         2 Business Day Rush Turnaround*         2 Business Day Rush Turnaround*         Sampled by:         Sample         Weight         Type t         (Linits)         Comments/Metrc ID         S Syttems         S Sytems         S Sytems         S Sytems         S Sytems         S Sytems         S Sytems
Relinquished By: Date Time		Re	ceived By		<u> </u>	Da	ate	Ti	ne	Lab Use Only: ☐Shipped Via: UPS or □ Client drop
11-19 10:51		Ţ				11/22	121	10:0	19	Evidence of cooling:     Yes   Drive - Temp (°C):     Z / 2 °C       Sample in good condition:     BYes   D Net:     1 / 2 & C       Cash NgCheck     D Set:     1 / 2 & C       Prelog storage:     D S ([22/2 C)

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

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" y are agreeing to these term 12423 NE Whitaker Way P: (503) 254-1794 | Fax: (503) 254-1452 Page of www.columbialaboratories.com Portland, OR 97230 info@columbialaboratories.com

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 Report Number:
 21-013745/D007.R000

 Report Date:
 12/01/2021

 ORELAP#:
 OR100028

 Purchase Order:

**Received:** 

11/22/21 10:49



## Hemp / Cannabis Usable / Extract / Finished Products

**Chain of Custody Record** 

Document Control ID: 2732 Revision: 1 Effective: 05/04/2021

ORELAP ID: OR100028

Analysis Requested										PO Number:		
Company: WILDFIDWER HEMP CO												Project Number:
Contact: GARY HALLE TARA PINTO		379 compounds										Project Name:
Street: 65686 CIINE FALLS RD.		oduu										Custom Reporting:
City: BEND State: OR Zip: 97703	Ĩ	79 CC						Coliform				Report to State - 🗆 METRC or 🗆 Other:
XEmail Results: informuld Howerhenpco.co	n du	1			vity							Turnaround time: 🕱 5 Business Day Standard Turnaround
Ph: (541) 480 -62-18 - Fx Results: ()	9 con	esidu			Water Activity		Mold	and Total				□ 3 Business Day Rush Turnaround*
Billing (if different):	OR 59 co	lti-Re		ents	Vate		and	and	~			2 Business Day Rush Turnaround*
bining (ir different).	1	e Mu		I Solv	ø	S	'east	:.Coli	Aetal	xins		*Check for availability Sampled by:
Lab	sticid	sticid	tency	sidua	Moisture	bene	Vicro: Yeast and Mold	Micro: E.Coli	Heavy Metals	coto:	Ter:	Sample Weight
ID Client Sample Identification Date Time		Pe	Po	Re	ž	Ter	Mi	ž	He	ź	đ	
		-	X			X	1					
			X		<u> </u>	×	P.				_	
BORANGE COOKIES 11-19 10:45		_	X	_		X	6			_	_	
O SUPER SOUR DUESER 11-19 10:45	-		X			1	8 <u>.</u>					
8 MENDO BREATH 11-19 10:45			X			4						
			X			X	1	-				
			X			X	¥					
			X			X						
			X			X	5					5 5- yrans
Relinquished By: Date Time			R	eceived	By:			Da	ate	Contraction and the	and the second second	Lab Use Only:
11.19 1050			D	S			2	11/2	2/21	10:	49	
							1		1		-	Sample in good condition
							1					Prolog storage:
ID         Client Sample Identification         Date         Time           B         NORTHERN (LIGHTS II-I7)         10:45           B         GELATD         II-I7         10:45           B         GELATD         II-I9         10:45           B         OSCRENCE CODKJES         II-I9         10:45           B         SCRENCE SOLIC DESECT         II-I9         10:45           B         MENDO BREATH         II-I9         10:45           B         STRAWBEREY (DUGHTH         II-I9         10:45           B         CLEMENTINE         II-I9         10:45           B         GLAMBERTINE         II-I9         10:45           B         KLND         IO.IF         II-I7         10:45           B         KLND         IO.IF         II-I7         10:45           Relinquished By:         Date         Time	Pesticides	Pesticide Multi-Residue		Residual Solvents		XXXXXXXXX Terpenes	Mitre		ate	Contraction and the	other:	Type t (Linite) Comments/Metrc ID S 5 grams S 6 grams S 5 grams S 6 gram

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

Sample's submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the <u>current terms of service</u> associated with this COC, By signing "Relinquished by" you are agreeing to these terms
12423 NE Whitaker Way
P: (503) 254-1794 | Fax: (503) 254-1452
Page of
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Columbia LABORATORIES A Tentamus Company	12423 NE Whitaker Way Portland, OR 97230 503-254-1794	Report Number: Report Date: ORELAP#: Purchase Order:	21-013745/D007.R000 12/01/2021 OR100028		
Columbia LABORATORIES A Tentamus Company		Received: Document ID: 3177 Revision: 2 Effective: 06/25/2021 Page 1 of 1	11/22/21 10:49		
Job Number:	Search Name:				
Tracking Number (written in or copy of shipping 5) Was packing material used?	date/time) Date: 12221 Time: 10:45 als): Date: Time: noler? YES NO NA yes NO NA age/cooler? YES NO NA ? (time, date)? YES NO NA P (time, date)? YES NO NA	E C R R	GIA		
6) Was temperature upon receipt 4°C+- 2°C (if appro If not, client contacted: Proceed?	YES NO				
<ul> <li>7) Was there evidence of cooling?</li> <li>What kind? Blue Ice Ice Cooler</li> <li>8) Were all sample containers sealed in separate place</li> </ul>	stic bags? YES NO NA				
9) Did all sample containers arrive in good condition					
<ul> <li>10) Were all sample container labels complete?</li> <li>11) Did all sample container labels and tags agree wit</li> <li>12) Were correct sample containers used for the test</li> <li>13) Were VOA vials checked for absence of air bubble</li> <li>14) Was a sufficient amount of sample sent in each sa</li> </ul>	s indicated? YES NO NA es (note if found)? YES NO NA				
16) Sample location prior to login: R99 R39 R4 Explain any discrepancies: $2(.2^{\circ}$ C	4 F44 Ambient Shelf Cannabis Table Oth	er:			

Page 7 of 12 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 333-007-0430



J AOAC 2015 V98-6 Laboratory Control Sa

Analyte CBDVA CBDV CBE CBDA CBGA CBG CBD THCV

d8THCV

THCVA

CBN

exo-THC

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



Acceptable

Acceptable

Acceptable

Acceptable

Acceptable

115

115

115

115

115

Revision #: 0.00 Control : CFL-D06

Report Number:	21-013745/D007.R000
Report Date:	12/01/2021
ORELAP#:	OR100028
Purchase Order:	
Received:	11/22/21 10:49

11/22/21 10:49

**G A** 

					Rev	ision l	Date: 05/31/20	19 Effective Date: 05/31/					
	Labor	atory	Quality Co	ontrol I	Resu	lts							
Batch ID: 2110660													
ample													
Result	Spike	Units	% Rec	1	imit	s	Evaluation	Notes					
0.204	0.2	%	102	85.0	-	115	Acceptable						
0.217	0.2	%	108	85.0	-	115	Acceptable						
0.195	0.2	%	97.6	85.0	-	115	Acceptable						
0.220	0.2	%	110	85.0	-	115	Acceptable						
0.204	0.2	%	102	85.0	-	115	Acceptable						
0.202	0.2	%	101	85.0	-	115	Acceptable						
0.216	0.2	%	108	85 O	_	115	Accentable						

85.0

85.0

85.0

85.0

85.0

d9THC	0.194	0.2	%	97.2	85.0 - 115	Acceptable	
d8THC	0.185	0.2	%	92.6	85.0 - 115	Acceptable	
CBL	0.172	0.2	%	86.0	85.0 - 115	Acceptable	
CBC	0.194	0.2	%	97.2	85.0 - 115	Acceptable	
THCA	0.215	0.2	%	107	85.0 - 115	Acceptable	
CBCA	0.211	0.2	%	106	85.0 - 115	Acceptable	
CBLA	0.200	0.2	%	99.9	85.0 - 115	Acceptable	
CBT	0.225	0.2	%	113	85.0 - 115	Acceptable	
Method Blank							
Analyte	Result	LOQ		Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.1</td><td></td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1		%	< 0.1	Acceptable	
CBDV	<loq< td=""><td>0.1</td><td></td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1		%	< 0.1	Acceptable	
CBE	<loq< td=""><td>0.1</td><td></td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1		%	< 0.1	Acceptable	
CBDA	<loq< td=""><td>0.1</td><td></td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1		%	< 0.1	Acceptable	

CBDV	<loq< th=""><th>0.1</th><th>%</th><th>&lt; 0.1</th><th>Acceptable</th><th></th></loq<>	0.1	%	< 0.1	Acceptable	
CBE	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBDA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBGA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBG	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBD	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
THCV	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
d8THCV	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
THCVA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBN	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
exo-THC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
d9THC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
d8THC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBL	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBC	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
THCA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBCA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBLA	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	
CBT	<loq< td=""><td>0.1</td><td>%</td><td>&lt; 0.1</td><td>Acceptable</td><td></td></loq<>	0.1	%	< 0.1	Acceptable	

#### Abbreviations

ND - None Detected at or above MRL

0.188

0.178

0.198

0.205

0.170

0.2

0.2

0.2

0.2

0.2

%

%

%

%

%

94.1

88.9

98.8

102

85.1

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

### Units of Measure:

% - Percent

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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 prior arrangements have been made.





Report Number:	21-013745/D007.R000
Report Date:	12/01/2021
ORELAP#:	OR100028
Purchase Order:	
Received:	11/22/21 10:49

Revision #: 0.00 Control : CFL-D06

Revision Date: 05/31/2019 Effective Date: 05/31/2019

			Labo	ratory (	Quality Co	ontrol Results				
J AOAC 2015 V	98-6				Bat	ch ID: 2110660	)			
Sample Duplica	te	Sample ID: 21-013745-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes		
CBDVA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBDV	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBE	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBDA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBGA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBG	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBD	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
THCV	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
d8THCV	0.384	0.374	0.1	%	2.54	< 20	Acceptable			
THCVA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBN	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
exo-THC	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
d9THC	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
d8THC	85.7	82.0	0.1	%	4.48	< 20	Acceptable			
CBL	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBC	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
THCA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBCA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBLA	<loq< td=""><td><loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.1</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.1	%	NA	< 20	Acceptable			
CBT	0.230	0.113	0.1	%	68.3	< 20	Outlier	Q6		

### Abbreviations

ND - None Detected at or above MRL

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

NA - Calculation Not Applicable given non-numerical results

Q6 - Quality control outside QC limits. Data acceptable based on remaining QC. Units of Measure:

% - Percent

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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 prior arrangements have been made.





**Terpenes Quality Control Results** 

Report Number:	21-013745/D007.R000
Report Date:	12/01/2021
ORELAP#:	OR100028
Purchase Order:	
Received:	11/22/21 10:49

Revision: Document ID: Legacy ID: Effective:

Method Reference: EF	'A 5035		Batch ID: 2110736							
Method Blank			Laborator	•						
Analyte	Result	LOQ Notes		LCS	Units	LCS % Rec	Limits	Notes		
a-pinene	<loq< td=""><td>&lt; 200</td><td>368</td><td>500</td><td>μg/g</td><td>74%</td><td>70 - 130</td><td></td></loq<>	< 200	368	500	μg/g	74%	70 - 130			
Camphene	<loq< td=""><td>&lt; 200</td><td>376</td><td>500</td><td>μg/g</td><td>75%</td><td>70 - 130</td><td></td></loq<>	< 200	376	500	μg/g	75%	70 - 130			
Sabinene	<loq< td=""><td>&lt; 200</td><td>374</td><td>500</td><td>μg/g</td><td>75%</td><td>70 - 130</td><td></td></loq<>	< 200	374	500	μg/g	75%	70 - 130			
b-Pinene	<loq< td=""><td>&lt; 200</td><td>453</td><td>500</td><td>μg/g</td><td>91%</td><td>70 - 130</td><td></td></loq<>	< 200	453	500	μg/g	91%	70 - 130			
b-Myrcene	<loq< td=""><td>&lt; 200</td><td>368</td><td>500</td><td>μg/g</td><td>74%</td><td>70 - 130</td><td></td></loq<>	< 200	368	500	μg/g	74%	70 - 130			
a-phelllandrene	<loq< td=""><td>&lt; 200</td><td>355</td><td>500</td><td>μg/g</td><td>71%</td><td>70 - 130</td><td></td></loq<>	< 200	355	500	μg/g	71%	70 - 130			
d-3-Carene	<loq< td=""><td>&lt; 200</td><td>391</td><td>500</td><td>μg/g</td><td>78%</td><td>70 - 130</td><td></td></loq<>	< 200	391	500	μg/g	78%	70 - 130			
a-Terpinene	<loq< td=""><td>&lt; 200</td><td>392</td><td>500</td><td>μg/g</td><td>78%</td><td>70 - 130</td><td></td></loq<>	< 200	392	500	μg/g	78%	70 - 130			
p-Cymene	<loq< td=""><td>&lt; 200</td><td>375</td><td>500</td><td>μg/g</td><td>75%</td><td>70 - 130</td><td></td></loq<>	< 200	375	500	μg/g	75%	70 - 130			
D-Limonene	<loq< td=""><td>&lt; 200</td><td>391</td><td>500</td><td>µg/g</td><td>78%</td><td>70 - 130</td><td></td></loq<>	< 200	391	500	µg/g	78%	70 - 130			
Eucalyptol	<loq< td=""><td>&lt; 200</td><td>393</td><td>500</td><td>µg/g</td><td><b>79%</b></td><td>70 - 130</td><td></td></loq<>	< 200	393	500	µg/g	<b>79%</b>	70 - 130			
b-cis-Ocimene	<loq< td=""><td>&lt; 67</td><td>134</td><td>167</td><td>μ<b>g</b>/g</td><td>81%</td><td>70 - 130</td><td></td></loq<>	< 67	134	167	μ <b>g</b> /g	81%	70 - 130			
b-trans-Ocimene	<loq< td=""><td>&lt; 133</td><td>243</td><td>333</td><td>μg/g</td><td>7<b>3</b>%</td><td>70 - 130</td><td></td></loq<>	< 133	243	333	μg/g	7 <b>3</b> %	70 - 130			
g-Terpinene	<loq< td=""><td>&lt; 200</td><td>377</td><td>500</td><td>μg/g</td><td>75%</td><td>70 - 130</td><td></td></loq<>	< 200	377	500	μg/g	75%	70 - 130			
Sabinene_Hydrate	<loq< td=""><td>&lt; 200</td><td>418</td><td>500</td><td>μg/g</td><td>84%</td><td>70 - 130</td><td>_</td></loq<>	< 200	418	500	μg/g	84%	70 - 130	_		
Terpinolene	<loq< td=""><td>&lt; 200</td><td>382</td><td>500</td><td>μ<b>g</b>/g</td><td>76%</td><td>70 - 130</td><td>_</td></loq<>	< 200	382	500	μ <b>g</b> /g	76%	70 - 130	_		
D-Fenchone	<loq< td=""><td>&lt; 200</td><td>385</td><td>500</td><td>μ<b>g</b>/g</td><td>77%</td><td>70 - 130</td><td></td></loq<>	< 200	385	500	μ <b>g</b> /g	77%	70 - 130			
Linalool	<loq< td=""><td>&lt; 200</td><td>467</td><td>500</td><td>µg/g</td><td><b>93%</b></td><td>70 - 130</td><td></td></loq<>	< 200	467	500	µg/g	<b>93%</b>	70 - 130			
Fenchol	<loq< td=""><td>&lt; 200</td><td>385</td><td>500</td><td>μg/g</td><td>77%</td><td>70 - 130</td><td></td></loq<>	< 200	385	500	μg/g	77%	70 - 130			
Camphor	<loq< td=""><td>&lt; 200</td><td>398</td><td>500</td><td>μg/g</td><td>80%</td><td>70 - 130</td><td></td></loq<>	< 200	398	500	μg/g	80%	70 - 130			
Isopulego	<loq< td=""><td>&lt; 200</td><td>375</td><td>500</td><td>μg/g</td><td>75%</td><td>70 - 130</td><td></td></loq<>	< 200	375	500	μg/g	75%	70 - 130			
Isoborneol	<loq< td=""><td>&lt; 200</td><td>405</td><td>500</td><td>µg/g</td><td>81%</td><td>70 - 130</td><td></td></loq<>	< 200	405	500	µg/g	81%	70 - 130			
Borneol	<loq< td=""><td>&lt; 200</td><td>412</td><td>500</td><td>µg/g</td><td>82%</td><td>70 - 130</td><td></td></loq<>	< 200	412	500	µg/g	82%	70 - 130			
DL-Menthol	<loq< td=""><td>&lt; 200</td><td>407</td><td>500</td><td>μg/g</td><td>81%</td><td>70 - 130</td><td></td></loq<>	< 200	407	500	μg/g	81%	70 - 130			
Terpineol	<loq< td=""><td>&lt; 200</td><td>387</td><td>500</td><td>μg/g</td><td>77%</td><td>70 - 130</td><td></td></loq<>	< 200	387	500	μg/g	77%	70 - 130			
Nerol	<loq< td=""><td>&lt; 200</td><td>395</td><td>500</td><td>µg/g</td><td>79%</td><td>70 - 130</td><td></td></loq<>	< 200	395	500	µg/g	79%	70 - 130			
Pulegone	<loq< td=""><td>&lt; 200</td><td>416</td><td>500</td><td>µg/g</td><td>83%</td><td>70 - 130</td><td></td></loq<>	< 200	416	500	µg/g	83%	70 - 130			
Gereniol	<loq< td=""><td>&lt; 200</td><td>423</td><td>500</td><td>µg/g</td><td><b>8</b>5%</td><td>70 - 130</td><td></td></loq<>	< 200	423	500	µg/g	<b>8</b> 5%	70 - 130			
Geranyl_Acetate	<loq< td=""><td>&lt; 200</td><td>405</td><td>500</td><td>µg/g</td><td>81%</td><td>70 - 130</td><td></td></loq<>	< 200	405	500	µg/g	81%	70 - 130			
a-Cedrene	<loq< td=""><td>&lt; 200</td><td>417</td><td>500</td><td>µg/g</td><td>83%</td><td>70 - 130</td><td></td></loq<>	< 200	417	500	µg/g	83%	70 - 130			
b-Caryophyllene	<loq< td=""><td>&lt; 200</td><td>449</td><td>500</td><td>μg/g</td><td>90%</td><td>70 - 130</td><td></td></loq<>	< 200	449	500	μg/g	90%	70 - 130			
a-Humulene	<loq< td=""><td>&lt; 200</td><td>460</td><td>500</td><td>µg/g</td><td>92%</td><td>70 - 130</td><td></td></loq<>	< 200	460	500	µg/g	92%	70 - 130			
Valenene	<loq< td=""><td>&lt; 200</td><td>389</td><td>500</td><td>μg/g</td><td>78%</td><td>70 - 130</td><td></td></loq<>	< 200	389	500	μg/g	78%	70 - 130			
cis-Nerolidol	<loq< td=""><td>&lt; 200</td><td>434</td><td>500</td><td>µg/g</td><td>87%</td><td>70 - 130</td><td></td></loq<>	< 200	434	500	µg/g	87%	70 - 130			
a-Farnesene	<loq< td=""><td>&lt; 200</td><td>477</td><td>500</td><td>μg/g</td><td>95%</td><td>70 - 130</td><td></td></loq<>	< 200	477	500	μg/g	95%	70 - 130			
trans-Nerolidol	<loq< td=""><td>&lt; 200</td><td>460</td><td>500</td><td>μg/g</td><td><b>92%</b></td><td>70 - 130</td><td></td></loq<>	< 200	460	500	μg/g	<b>92%</b>	70 - 130			
Caryophyllene_Oxide	<loq< td=""><td>&lt; 200</td><td>399</td><td>500</td><td>μg/g</td><td>80%</td><td>70 - 130</td><td></td></loq<>	< 200	399	500	μg/g	80%	70 - 130			
Guaiol	<loq< td=""><td>&lt; 200</td><td>470</td><td>500</td><td>μg/g</td><td>94%</td><td>70 - 130</td><td></td></loq<>	< 200	470	500	μg/g	94%	70 - 130			
Cedrol	<loq< td=""><td>&lt; 200</td><td>453</td><td>500</td><td>µg/g</td><td>91%</td><td>70 - 130</td><td></td></loq<>	< 200	453	500	µg/g	91%	70 - 130			
a-Bisabolol	<loq< td=""><td>&lt; 200</td><td>464</td><td>500</td><td>µg/g</td><td>93%</td><td>70 - 130</td><td></td></loq<>	< 200	464	500	µg/g	93%	70 - 130			

Definition

LOQ

LCS % REC

Limit of Quantitation Laboratory Control Sample Percent Recovery

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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 prior arrangements have been made.

 Testing in accordance with:
 OAR 333-007-0430





Report Number:	21-013745/D007.R000
Report Date:	12/01/2021
ORELAP#:	OR100028
Purchase Order:	
Received:	11/22/21 10:49

Revision: Document ID: Legacy ID: Effective:

Method Reference: EPA	5035				Batch	h ID: 211073	6	
Sample/Sample Duplicate			Sample ID: 21-013745-0001					
nalyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes	
a-pinene	1760	1800	189	µg/g	2%	< 20		
Camphene	<loq< td=""><td><l00< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l00<></td></loq<>	<l00< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l00<>	189	µg/g	0%	< 20		
Sabinene	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
o-Pinene	2460	2510	189	µg/g	2%	< 20		
o-Myrcene	2880	2930	189	µg/g	2%	< 20		
phelllandrene	574	598	189	μg/g	4%	< 20		
-3-Carene	711	753	189	μg/g	6%	< 20		
a-Terpinene	459	476	189	μg/g	4%	< 20		
o-Cymene	<loq< td=""><td><l00< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></l00<></td></loq<>	<l00< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></l00<>	189	μg/g	0%	< 20		
D-Limonene	5430	5520	189	μg/g	2%	< 20		
Eucalyptol	<loq< td=""><td><loq< td=""><td>189</td><td><math>\mu g/g</math></td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td><math>\mu g/g</math></td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	$\mu g/g$	0%	< 20		
b-cis-Ocimene	2010	2010	63.0	µg/g	0%	< 20		
b-trans-Ocimene	<loq< td=""><td><loq< td=""><td>126</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>126</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	126	µg/g	0%	< 20		
g-Terpinene	<loq< td=""><td><loq< td=""><td>189</td><td><math>\mu g/g</math></td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td><math>\mu g/g</math></td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	$\mu g/g$	0%	< 20		
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
Terpinolene	12100	12100	189	µg/g	0%	< 20		
D-Fenchone	<loq< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
Linalool	834	803	189	µg/g	4%	< 20		
Fenchol	665	675	189	µg/g	1%	< 20		
Camphor	<l0q< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></l0q<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
sopulego	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
soborneol	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
Borneol	<loq< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
DL-Menthol	<loq< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
Terpineol	895	877	189	μg/g	2%	< 20		
Nerol	<loq< td=""><td><l0q< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<>	189	µg/g	0%	< 20		
Pulegone	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
Gereniol	224	216	189	µg/g	4%	< 20		
Geranyl Acetate	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
a-Cedrene	<loq< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
o-Caryophyllene	4900	4970	189	µg/g	1%	< 20		
a-Humulene	560	562	189	µg/g	0%	< 20		
Valenene	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
cis-Nerolidol	<loq< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
a-Farnesene	<loq< td=""><td><loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	µg/g	0%	< 20		
rans-Nerolidol	<l00< td=""><td><l0q< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<></td></l00<>	<l0q< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<>	189	µg/g	0%	< 20		
Caryophyllene Oxide	<l00< td=""><td><l0q< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<></td></l00<>	<l0q< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<>	189	μg/g	0%	< 20		
Guaiol	<loq< td=""><td><loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>189</td><td>μg/g</td><td>0%</td><td>&lt; 20</td><td></td></loq<>	189	μg/g	0%	< 20		
Cedrol	<l00< td=""><td><l0q< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<></td></l00<>	<l0q< td=""><td>189</td><td>µg/g</td><td>0%</td><td>&lt; 20</td><td></td></l0q<>	189	µg/g	0%	< 20		
a-Bisabolol	422	419	189	µg/g	1%	< 20		

Definitions

Relative Percent Difference

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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 prior arrangements have been made.

 Testing in accordance with:
 OAR 333-007-0430





**Report Number:** 21-013745/D007.R000 **Report Date:** 12/01/2021 **ORELAP#:** OR100028 **Purchase Order: Received:** 11/22/21 10:49

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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prior arrangements have been made.