



Report Number: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:40

This is an amended version of report# 20-006114/D02.R00.

Reason: Updated customer information.

Customer: Blissful Plant Product identity: **RELAX**

Client/Metrc ID:

Laboratory ID: 20-006114-0001 Sample Date: 06/09/20

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	CBD-Total per 1g	64.6 mg/1g
CBC per 1g	2.35		mg/1g			
CBC-A per 1g	0.0742		mg/1g		THC-Total per 1g	2.26 mg/1g
CBD per 1g	63.5		mg/1g			
CBD-A per 1g	1.26		mg/1g		(Reported in milli	grams per serving)
CBDV per 1g	0.384		mg/1g			
CBG per 1g	1.05		mg/1g			
CBG-A per 1g	0.158		mg/1g			
CBN per 1g	0.234		mg/1g			
Δ9-THC per 1g	2.26		mg/1g			

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
Menthol [†]	0.277	45.56%	a-pinene ⁺	0.142	23.36%
Eucalyptol [†]	0.0508	8.36%	a-Bisabolol [†]	0.0441	7.25%
ß-Caryophyllene [†]	0.0366	6.02%	farnesene [†]	0.0309	5.08%
(-)-ß-Pinene [†]	0.0265	4.36%	Total Terpenes [†]	0.608	100.00%





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Customer: Blissful Plant

RELAX Product identity:

Client/Metrc ID:

Sample Date: 06/09/20

Laboratory ID: 20-006114-0001

Relinquished by: **FEDEX** Temp: 20.3 °C

Sample Results

Potency per 1g	Method J AOA	AC 2015 V98-6 (mod)	Batch: 2005059		Analyze: 6/16/20 9:58:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	2.35		mg/1g	0.0318	
CBC-A per 1g	0.0742		mg/1g	0.0318	
CBC-Total per 1g	2.42		mg/1g	0.0597	
CBD per 1g	63.5		mg/1g	0.318	
CBD-A per 1g	1.26		mg/1g	0.0318	
CBD-Total per 1g	64.6		mg/1g	0.346	
CBDV per 1g	0.384		mg/1g	0.0318	
CBDV-A per 1g	< LOQ		mg/1g	0.0318	
CBDV-Total per 1g	0.384		mg/1g	0.0593	
CBG per 1g	1.05		mg/1g	0.0318	
CBG-A per 1g	0.158		mg/1g	0.0318	
CBG-Total per 1g	1.19		mg/1g	0.0593	
CBL per 1g	< LOQ		mg/1g	0.0318	
CBN per 1g	0.234		mg/1g	0.0318	
$\Delta 8$ -THC per 1g	< LOQ		mg/1g	0.0318	
Δ9-THC per 1g	2.26		mg/1g	0.0318	
THC-A per 1g	< LOQ		mg/1g	0.0318	
THC-Total per 1g	2.26		mg/1g	0.0597	
THCV per 1g	< LOQ		mg/1g	0.0318	
THCV-A per 1g	< LOQ		mg/1g	0.0318	
THCV-Total per 1g	< LOQ		mg/1g	0.0597	
Total Cannabinoids 1g [†]	71.3		mg/1g		





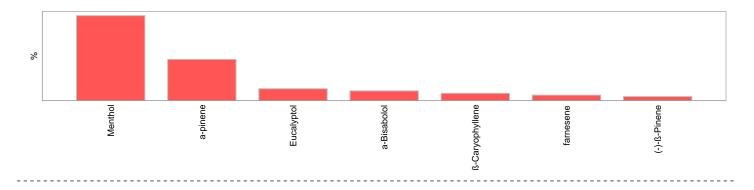
20-006114/D02.R01 **Report Number:**

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Terpenes	Method	J AOAC	C 2015 V98-6		Units % Ba	atch 2005076	Analyz	ze 06/18/20 08	8:31 AM
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
Menthol [†]	0.277	0.020	45.56%		a-pinene [†]	0.142	0.020	23.36%	
Eucalyptol [†]	0.0508	0.020	8.36%		a-Bisabolol†	0.0441	0.020	7.25%	
ß-Caryophyllene [†]	0.0366	0.020	6.02%		farnesene [†]	0.0309	0.020	5.08%	
(-)-ß-Pinene [†]	0.0265	0.020	4.36%		(-)-a-Terpineol [†]	< LOQ	0.020	0.00%	
(-)-caryophyllene oxide ⁺	< LOQ	0.020	0.00%		(-)-Guaiol⁺	< LOQ	0.020	0.00%	
(-)-IsopulegoI ⁺	< LOQ	0.020	0.00%		(+)-Borneol [†]	< LOQ	0.020	0.00%	
(+)-Cedrol [†]	< LOQ	0.020	0.00%		(+)-fenchol [†]	< LOQ	0.020	0.00%	
(+)-Pulegone [†]	< LOQ	0.020	0.00%		(±)-Camphor [†]	< LOQ	0.020	0.00%	
(±)-cis-NerolidoI [†]	< LOQ	0.020	0.00%		(±)-fenchone [†]	< LOQ	0.020	0.00%	
(±)-trans-Nerolidol†	< LOQ	0.020	0.00%		(R)-(+)-Limonene	e [†] < LOQ	0.020	0.00%	
a-cedrene [†]	< LOQ	0.020	0.00%		a-phellandrene [†]	< LOQ	0.020	0.00%	
a-Terpinene [†]	< LOQ	0.020	0.00%		Camphene [†]	< LOQ	0.020	0.00%	
cis-ß-Ocimene [†]	< LOQ	0.006	0.00%		d-3-Carene [†]	< LOQ	0.020	0.00%	
gamma-Terpinene [†]	< LOQ	0.020	0.00%		Geraniol [†]	< LOQ	0.020	0.00%	
Geranyl acetate [†]	< LOQ	0.020	0.00%		Humulene [†]	< LOQ	0.020	0.00%	
Isoborneol†	< LOQ	0.020	0.00%		Linalool [†]	< LOQ	0.020	0.00%	
nerol [†]	< LOQ	0.020	0.00%		p-Cymene [†]	< LOQ	0.020	0.00%	
Sabinene [†]	< LOQ	0.020	0.00%		Sabinene hydrate	e [†] < LOQ	0.020	0.00%	
ß-Myrcene [†]	< LOQ	0.020	0.00%		Terpinolene [†]	< LOQ	0.020	0.00%	
trans-ß-Ocimene [†]	< LOQ	0.013	0.00%		valencene [†]	< LOQ	0.020	0.00%	
Total Terpenes	0.608								







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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

g = Grammg/1g = Milligram per 1g % = Percentage of sample % wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager





Report Number: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

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06/15/20 12:40 Received:

20-006114



Hemp Products Chain of Custody Record

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

		100	/ tildiyolo it	equested	Military	and the special second		O Number:		
(500)	PENES						Project Number: Project Name: EM/ Blissful Plant Custom Reporting: Report to State - METRC or Other: Turn-around time: Standard Rush * Priority Rush * *Ask for availability			
190	Till						Sample Type †	Report units (potency)	Serving size (edibles)	Comments/Metrc ID
V	V						1	MG/G		
V	V				1		T	11		
1	/	W					T	"		
V	/		-				7	"		
						_				
					, b					
		Paccin	ad by:		Date	Time			Lab Use O	nly:
-	8	3	cusy.	AND PL	Uls	1200	Evideno Sample	ce of cooling: □ in good condit	1 yes □ No - Te ion: □ yes □ No	o
	V Black (18	V V V Blency (16)	SAN DERECT (SA)	Received by:	Received by:	Received by: Date	Received by: Date Time WE ZUL	Received by: Received by: Date Time Received by: Date Time Sample Type † Time Sample Type † Time Sample Type † Time Sample Cash Prelog s	Project Name:Custom Reporting:Report to State - □ M Turn-around time Sampled by:	Project Name: _EM/ Blissfu Custom Reporting: Report to State - METRC or Othe Turn¬around time: Standard *Ask for avails Sampled by: Sample Report units Serving size (potency) (edibles)

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 terms. Page ______of ____ www.columbialaboratories.com P: (503) 254-1794 | Fax: (503) 254-1452 12423 NE Whitaker Way Portland, OR 97230 Call / Financial ... / Dinastrano

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ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:40

Columbia LABORATORIES EARCES	Columbia Laboratories Sample Receipt Form	Revision: 1.01 Document Control: CF015 Revised: 02/28/2020 Effective: 02/28/2020
Job Number: 20 COMPART Package/Cooler opened on (if different than rec	Search Name:	ime: 1240
1 abangu cooko oponet or (1 cares a arrive		
Received By (Initials):		
Were custody seals on outside of the pack If YES, how many and where?	aga/coolar?	YES NO NA
Were signature and data correct?		YES NO (NA)
2) Were custody papers included in the packs	ge/cooler?	YES NO NA
3) Were custody papers properly filled out (in	nk, sign, date)?	YES NO NA
4) Did you sign custody papers in the approp	riate place?	YES NO NA
5) How was the package/cooler delivered?		
UPS FEDEX USPS	CLIENT COURIER	OTHER:
Tracking Number (written in or copy of	shipping label):	Sheet.
6) Was packing material used?		YES NO NA
Peanuts Bubble Wrap Foam Pag	per Other:	
7) Was sufficient ice used (if appropriate)? What kind?		YES NO NA
Blue Ice Ice Cooler Pack	s Dry Ice	
8) Were all sample containers sealed in sept	arate plastic bags?	YES NO NA
9) Did all sample containers arrive in good	condition?	VES NO NA
10) Were all sample container labels comple	te?	YES NO NA
11) Did all sample container labels and tags	agree with the coc?	VES NO NA
12) Were correct sample containers used for	the tests indicated?	YES NO NA
13) Were VOA vials checked for absence of	air bubbles (note if found)?	YES NO NA
14) Was a sufficient amount of sample sent	in each sample container?	YES NO NA
15) Temperature of the samples upon receip		20-3c
16) Sample location prior to login: R25	39 R44 F44 Ambient Shelf	Cannabis Table Other:
Explain any discrepancies:		
		. !
Page of		i

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Report Number:

20-006114/D02.R01

Report Date:

08/19/2020

ORELAP#:

OR100028

Purchase Order:

Received:

06/15/20 12:40



ENTOURAGE

ORTLAND OR 97230

12423 NE Whitaker Way Kelly O'Connor Columbia Laboratores E 15 83703 (800) 732-0472 BILL SENDER

(SD) 56BJ1/C7DD/FE4A

After printing this label

Use the 'Print' button on this page to print your label to your laser or inkjet printer.
 Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: IMPORTANT: TRANSMIT YOUR SHIPPING DATA AND PRINT A MANIFEST:

warming: IMPORTAIN: TRANSMIT FOUR SHIPPING DATA AND PRINT A WANTEST.

At the end of each shipping day, you should perform the FedEx Ground End of Day Close procedure to transmit your shipping data to FedEx. To do so, click on the Ground End of Day Close Button. If required, print the pickup manifest that appears. A printed manifest is required to be tendered along with your packages if they are being picked up by FedEx Ground. If you are dropping your packages off at a FedEx drop off location, the manifest is not required.

manifest is not required.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide and applicable tariff, available upon request. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations, including limitations on our liability, can be found in the current FedEx Service Guide and applicable tariff apply. In no event shall FedEx Ground be liable for any special, incidental, or consequential damages, including, without limitation, loss of profit, loss to the intrinsic value of the package, loss of sale, interest income or attorney's fees. Recovery cannot exceed actual documented loss. Items of extraordinary value are subject to separate limitations of liability set forth in the Service Guide and tariff. Written claims must be filed within strict time limits, see current FedEx Service Guide.





Report Number: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:40

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

Laboratory Quality Control Results

J AOAC 2015	5 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: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:40

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 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: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

Purchase Order:

06/15/20 12:40 Received:

Terpenes Quality Control Results

Method Reference: EPA 5035							Batch ID: 2005076			
Method Blank				Laborator	y Control	Sample				
Analyte	Result	Blank	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes	
a-pinene	<loq< td=""><td>< 200</td><td></td><td>440</td><td>500</td><td>μg/g</td><td>88</td><td>70 - 130</td><td></td></loq<>	< 200		440	500	μg/g	88	70 - 130		
Camphene	<loq< td=""><td>< 200</td><td></td><td>456</td><td>500</td><td>μg/g</td><td>91</td><td>70 - 130</td><td></td></loq<>	< 200		456	500	μg/g	91	70 - 130		
Sabinene	<loq< td=""><td>< 200</td><td></td><td>442</td><td>500</td><td>μg/g</td><td>88</td><td>70 - 130</td><td></td></loq<>	< 200		442	500	μg/g	88	70 - 130		
b-Pinene	<loq< td=""><td>< 200</td><td></td><td>439</td><td>500</td><td>μg/g</td><td>88</td><td>70 - 130</td><td></td></loq<>	< 200		439	500	μg/g	88	70 - 130		
b-Myrcene	<loq< td=""><td>< 200</td><td></td><td>367</td><td>500</td><td>μg/g</td><td>73</td><td>70 - 130</td><td></td></loq<>	< 200		367	500	μg/g	73	70 - 130		
a-phelllandrene	<loq< td=""><td>< 200</td><td></td><td>482</td><td>500</td><td>μg/g</td><td>96</td><td>70 - 130</td><td></td></loq<>	< 200		482	500	μg/g	96	70 - 130		
d-3-Carene	<loq< td=""><td>< 200</td><td></td><td>426</td><td>500</td><td>μg/g</td><td>85.2</td><td>70 - 130</td><td></td></loq<>	< 200		426	500	μg/g	85.2	70 - 130		
a-Terpinene	<loq< td=""><td>< 200</td><td></td><td>394</td><td>500</td><td>μg/g</td><td>79</td><td>70 - 130</td><td></td></loq<>	< 200		394	500	μg/g	79	70 - 130		
p-Cymene	<loq< td=""><td>< 200</td><td></td><td>370</td><td>500</td><td>μg/g</td><td>74</td><td>70 - 130</td><td></td></loq<>	< 200		370	500	μg/g	74	70 - 130		
D-Limonene	<loq< td=""><td>< 200</td><td></td><td>400</td><td>500</td><td>μg/g</td><td>80</td><td>70 - 130</td><td></td></loq<>	< 200		400	500	μg/g	80	70 - 130		
Eucalyptol	<loq< td=""><td>< 200</td><td></td><td>462</td><td>500</td><td>μg/g</td><td>92</td><td>70 - 130</td><td></td></loq<>	< 200		462	500	μg/g	92	70 - 130		
b-cis-Ocimene	<loq< td=""><td>< 66.7</td><td></td><td>124</td><td>167</td><td>μg/g</td><td>74.2</td><td>70 - 130</td><td></td></loq<>	< 66.7		124	167	μg/g	74.2	70 - 130		
b-trans-Ocimene	<loq< td=""><td>< 133</td><td></td><td>237</td><td>333</td><td>μg/g</td><td>71.0</td><td>70 - 130</td><td></td></loq<>	< 133		237	333	μg/g	71.0	70 - 130		
g-Terpinene	<loq< td=""><td>< 200</td><td></td><td>438</td><td>500</td><td>μg/g</td><td>88</td><td>70 - 130</td><td></td></loq<>	< 200		438	500	μg/g	88	70 - 130		
Sabinene Hydrate	<loq< td=""><td>< 200</td><td></td><td>427</td><td>500</td><td>μg/g</td><td>85</td><td>70 - 130</td><td></td></loq<>	< 200		427	500	μg/g	85	70 - 130		
Terpinolene	<loq< td=""><td>< 200</td><td></td><td>431</td><td>500</td><td>μg/g</td><td>86</td><td>70 - 130</td><td></td></loq<>	< 200		431	500	μg/g	86	70 - 130		
D-Fenchone	<loq< td=""><td>< 200</td><td></td><td>439</td><td>500</td><td>μg/g</td><td>88</td><td>70 - 130</td><td></td></loq<>	< 200		439	500	μg/g	88	70 - 130		
Linalool	<loq< td=""><td>< 200</td><td></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		
Fenchol	<loq< td=""><td>< 200</td><td></td><td>467</td><td>500</td><td>μg/g</td><td>93</td><td>70 - 130</td><td></td></loq<>	< 200		467	500	μg/g	93	70 - 130		
Camphor	<loq< td=""><td>< 200</td><td></td><td>451</td><td>500</td><td>μg/g</td><td>90</td><td>70 - 130</td><td></td></loq<>	< 200		451	500	μg/g	90	70 - 130		
Isopulego	<loq< td=""><td>< 200</td><td></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		
Isoborneol	<loq< td=""><td>< 200</td><td></td><td>463</td><td>500</td><td>μg/g</td><td>93</td><td>70 - 130</td><td></td></loq<>	< 200		463	500	μg/g	93	70 - 130		
Borneol	<loq< td=""><td>< 200</td><td></td><td>484</td><td>500</td><td>μg/g</td><td>97</td><td>70 - 130</td><td></td></loq<>	< 200		484	500	μg/g	97	70 - 130		
DL-Menthol	<loq< td=""><td>< 200</td><td></td><td>451</td><td>500</td><td>μg/g</td><td>90</td><td>70 - 130</td><td></td></loq<>	< 200		451	500	μg/g	90	70 - 130		
Terpineol	<loq< td=""><td>< 200</td><td></td><td>423</td><td>500</td><td>μg/g</td><td>85</td><td>70 - 130</td><td></td></loq<>	< 200		423	500	μg/g	85	70 - 130		
Nerol	<loq< td=""><td>< 200</td><td></td><td>379</td><td>500</td><td>μg/g</td><td>76</td><td>70 - 130</td><td></td></loq<>	< 200		379	500	μg/g	76	70 - 130		
Pulegone	<loq< td=""><td>< 200</td><td></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		
Gereniol	<loq< td=""><td>< 200</td><td></td><td>363</td><td>500</td><td>μg/g</td><td>73</td><td>70 - 130</td><td></td></loq<>	< 200		363	500	μg/g	73	70 - 130		
Geranyl_Acetate	<loq< td=""><td>< 200</td><td></td><td>436</td><td>500</td><td>μg/g</td><td>87</td><td>70 - 130</td><td></td></loq<>	< 200		436	500	μg/g	87	70 - 130		
a-Cedrene	<loq< td=""><td>< 200</td><td></td><td>524</td><td>500</td><td>μg/g</td><td>105</td><td>70 - 130</td><td></td></loq<>	< 200		524	500	μg/g	105	70 - 130		
b-Caryophyllene	<loq< td=""><td>< 200</td><td></td><td>481</td><td>500</td><td>μg/g</td><td>96</td><td>70 - 130</td><td></td></loq<>	< 200		481	500	μg/g	96	70 - 130		
a-Humulene	<loq< td=""><td>< 200</td><td></td><td>507</td><td>500</td><td>μg/g</td><td>101</td><td>70 - 130</td><td></td></loq<>	< 200		507	500	μg/g	101	70 - 130		
Valenene	<loq< td=""><td>< 200</td><td></td><td>508</td><td>500</td><td>μg/g</td><td>102</td><td>70 - 130</td><td></td></loq<>	< 200		508	500	μg/g	102	70 - 130		
cis-Nerolidol	<loq< td=""><td>< 200</td><td></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-Farnesene	<loq< td=""><td>< 200</td><td></td><td>594</td><td>500</td><td>μg/g</td><td>119</td><td>70 - 130</td><td></td></loq<>	< 200		594	500	μg/g	119	70 - 130		
trans-Nerolidol	<loq< td=""><td>< 200</td><td></td><td>455</td><td>500</td><td>μg/g</td><td>91</td><td>70 - 130</td><td></td></loq<>	< 200		455	500	μg/g	91	70 - 130		
Caryophyllene_Oxide	<loq< td=""><td>< 200</td><td></td><td>543</td><td>500</td><td>μg/g</td><td>109</td><td>70 - 130</td><td></td></loq<>	< 200		543	500	μg/g	109	70 - 130		
Guaiol	<loq< td=""><td>< 200</td><td></td><td>491</td><td>500</td><td>μg/g</td><td>98</td><td>70 - 130</td><td></td></loq<>	< 200		491	500	μg/g	98	70 - 130		
Cedrol	<loq< td=""><td>< 200</td><td></td><td>481</td><td>500</td><td>μg/g</td><td>96</td><td>70 - 130</td><td></td></loq<>	< 200		481	500	μg/g	96	70 - 130		
a-Bisabolol	<loq< td=""><td>< 200</td><td></td><td>473</td><td>500</td><td>μg/g</td><td>95</td><td>70 - 130</td><td></td></loq<>	< 200		473	500	μg/g	95	70 - 130		





Report Number: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

Purchase Order:

06/15/20 12:40 Received:

Terpenes Quality Control Results

Method Reference: El	PA 5035				Batch ID: 2005076			
Sample/Sample Dupli	cate	•	Sa	mple ID:	20-005858-0	0002		
Analyte	Result	Org. Result	LOQ	Units	RPD, %	LIMIT, %	Notes	
a-pinene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Camphene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Sabinene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
b-Pinene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
b-Myrcene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
a-phelllandrene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
d-3-Carene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
a-Terpinene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
p-Cymene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
D-Limonene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Eucalyptol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
b-cis-Ocimene	<loq< td=""><td><loq< td=""><td>66.7</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>66.7</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	66.7	μg/g	0.0	< 20		
b-trans-Ocimene	<loq< td=""><td><loq< td=""><td>133</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>133</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	133	μg/g	0.0	< 20		
g-Terpinene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Terpinolene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
D-Fenchone	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Linalool	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Fenchol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Camphor	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Isopulego	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Isoborneol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Borneol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
DL-Menthol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Terpineol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Nerol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Pulegone	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Gereniol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Geranyl Acetate	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
a-Cedrene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
b-Caryophyllene	1080	1080	200	μg/g	0.0	< 20		
a-Humulene	446	458	200	μg/g	2.65	< 20		
Valenene	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
cis-Nerolidol	<loq< td=""><td><l0q< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></l0q<></td></loq<>	<l0q< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></l0q<>	200	μg/g	0.0	< 20		
a-Farnesene	1100	1150	200	μg/g	4.44	< 20		
trans-Nerolidol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
Caryophyllene Oxide	357	353	200	μg/g	1.13	< 20		
Guaiol	306	308	200	μg/g	0.65	< 20		
Cedrol	<loq< td=""><td><loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>200</td><td>μg/g</td><td>0.0</td><td>< 20</td><td></td></loq<>	200	μg/g	0.0	< 20		
a-Bisabolol	845	851	200	μg/g	0.71	< 20		





Report Number: 20-006114/D02.R01

Report Date: 08/19/2020 ORELAP#: OR100028

Purchase Order:

Received: 06/15/20 12:40

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.