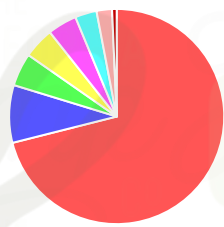




Customer: Sunset Butte LLC
Product identity: Focus CBD
Client/Metric ID: .
Laboratory ID: 22-011796-0003

Summary

Potency:

Analyte	Result (%)			
CBD	53.2		CBD-Total	53.2%
CBT	6.48		THC-Total	<LOQ
CBE	3.71		(Reported in percent of total sample)	
Δ8-THC	3.48			
CBC	3.30			
CBN	2.43			
CBG	1.74			
CBDV	0.514			

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
β-Caryophyllene	1.80	33.46	(R) - (+) - Limonene	1.01	18.77%
Humulene	0.655	%	a-Bisabolol	0.625	11.62%
(±) - trans-Nerolidol	0.321	12.17	β-Myrcene	0.182	3.38%
(-) - β-Pinene	0.160	%	(-) - caryophyllene oxide	0.154	2.86%
Linalool	0.112	5.97%	a-pinene	0.108	2.01%
Terpinolene	0.0916	2.97%	(-) - a-Terpineol	0.0772	1.43%
(-) - Guaiol	0.0492	2.08%	Camphene	0.0211	0.39%
cis-β-Ocimene	0.0174	1.70%	Total Terpenes	5.38	100.00%
		0.91%			
		0.32%			



Customer: Sunset Butte LLC
United States of America (USA)

Product identity: Focus CBD

Client/Metric ID: .

Sample Date: 22-011796-0003

Laboratory ID: No

Evidence of Cooling: 19.9 °C

Temp: usps

Relinquished by:

Sample Results

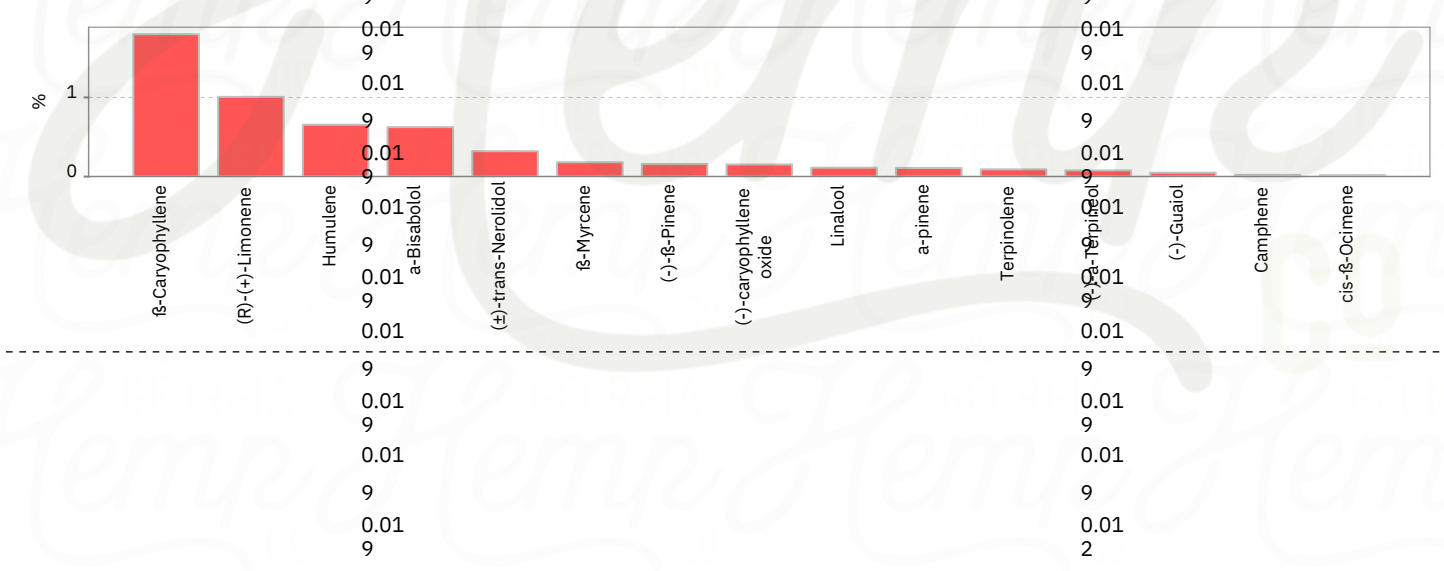
Potency Method: J AOAC 2015 V98-6 (mod)p Units % Batch: 2208424 Analyze: 10/4/22 10:48:00 PM

Analyte	As Dry Received weight	LOQ	Notes
CBC	3.30	0.0716	
CBC-A	<LOQ	0.0716	
CBC-Total	3.30	0.134	
CBD	53.2	0.716	
CBD-A	<LOQ	0.0716	
CBD-Total	53.2	0.779	
CBDV	0.514	0.0716	
CBDV-A	<LOQ	0.0716	
CBDV-Total	0.514	0.134	
CBE	3.71	0.0716	
CBG	1.74	0.0716	
CBG-A	<LOQ	0.0716	
CBG-Total	1.74	0.134	
CBL	<LOQ	0.0716	
CBL-A	<LOQ	0.0716	
CBL-Total	<LOQ	0.134	
CBN	2.43	0.0716	
CBT	6.48	0.0716	
Δ10- THC	<LOQ	0.0716	
Δ8-THC	3.48	0.0716	
Δ8-THCV	<LOQ	0.0716	
Δ9-THC	<LOQ	0.0716	
exo-THC	<LOQ	0.0716	
THC-A	<LOQ	0.0716	
THC-Total	<LOQ	0.134	
THCV	<LOQ	0.0716	
THCV-A	<LOQ	0.0716	
THCV-Total	<LOQ	0.134	
Total Cannabinoids	74.9	0.134	




Terpenes **Method: J AOAC 2015 V98-6** **Units %** **Batch 2208384 Analyze 10/03/22 10:24 PM**

Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β -Caryophyllene	1.80	0.01	33.46%		(R) - (+) - Limonene	1.01	0.01	18.77%	
Humulene	0.655	9	12.175%		α -Bisabolol	0.625	9	11.617%	
(\pm) - trans-Nerolidol	0.321	0.01	5.967%		β -Myrcene	0.182	0.01	3.383%	
(-) - β -Pinene	0.160	9	2.974%		(-) - caryophyllene oxide	0.154	9	2.862%	
Linalool	0.112	0.01	2.082%		α -pinene	0.108	0.01	2.007%	
Terpinolene	0.0916	9	1.7026%		(-) - α -Terpineol	0.0772	9	1.4349%	
(-) - Guaiol	0.0492	0.01	0.9145%		Camphene	0.0211	0.01	0.3922%	
cis- β -Ocimene	0.0174	9	0.3234%		Geraniol	<LOQ	9	0.00%	
valencene	<LOQ	0.01	0.00%		(+) - Pulegone	<LOQ	0.01	0.00%	
α -Terpinene	<LOQ	9	0.00%		(+) - fenchol	<LOQ	9	0.00%	
d-3-Carene	<LOQ	0.01	0.00%		(+) - Cedrol	<LOQ	0.01	0.00%	
Menthol	<LOQ	9	0.00%		(\pm) - cis-Nerolidol	<LOQ	9	0.00%	
(+) - Borneol	<LOQ	0.01	0.00%		(-) - Isopulegol	<LOQ	0.01	0.00%	
(\pm) - Camphor	<LOQ	9	0.00%		(\pm) - fenchone	<LOQ	9	0.00%	
α -cedrene	<LOQ	0.00	0.00%		α -phellandrene	<LOQ	9	0.00%	
Eucalyptol	<LOQ	6	0.00%		farnesene	<LOQ	9	0.00%	
gamma-Terpinene	<LOQ	0.01	0.00%		Geranylacetate	<LOQ	0.01	0.00%	
Isoborneol	<LOQ	9	0.00%		nerol	<LOQ	9	0.00%	
p-Cymene	<LOQ	9	0.00%		Sabinene	<LOQ	9	0.00%	
Sabinene hydrate	<LOQ	0.01	0.00%		trans- β -Ocimene	<LOQ	9	0.00%	
Total Terpenes	5.38								





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.

^b
= ISO/IEC 17025:2017 accredited method.

Units of Measure

% = Percentage of sample

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

Approved Signatory



Derrick Tanner
General Manager



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

Report Number: 22-
Report Date: 011796/D015.R000
ORELAP#: 10/07/2022
Purchase Order: OR100028
Received: 09/30/22 10:16



Hemp / Cannabis Usable / Extract / Finished Products

SUNSET 22-011796

Chain of Custody Record

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



Sunset Butte LLC

Company: Sunset Butte LLC
Contact: Gary Hall
Street: 65686 Clive Falls Rd
City: Bend State: OR Zip: 97703
Email Results: soundsgoodgary@icloud.com
Ph: () Fx Results: ()
Billing (if different):

Analysis Requested										
Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast 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: 5 Business Day Standard Turnaround
 3 Business Day Rush Turnaround*
 2 Business Day Rush Turnaround*
*Check for availability
Sampled by: _____

Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type †	Weight (Units)	Comments/Metric ID
	Banana Runtz 8	9/29	10:45a			X			X							5ml	
	Pineapple Express 8	9/29				X			X							5ml	
	Ekte Cooler 8	9/29				X			X							5ml	
	Grape Ape 8	9/29				X			X							5ml	
	Wifi OG 8	9/29				X			X							5ml	
	Purple Punch 8	9/29				X			X							5ml	
	Granddaddy Purple 8	9/29				X			X							5ml	
	Obama Kush 8	9/29				X			X							5ml	
	Obama Kush Pure 8	9/29		X		X			X		X					10ml	

Relinquished By:	Date	Time	Received By:	Date	Time	Lab Use Only:
<u>[Signature]</u>	9/29	10:45a	<u>RBS</u>	9/30	10:17	Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>19.9</u> Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____

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

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



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

Report Number: 22-
Report Date: 011796/D015.R000
ORELAP#: 10/07/2022
Purchase Order: OR100028
Received: 09/30/22 10:16



Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

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

Company: <u>Sunset Butte LLC</u> Contact: <u>Gary Hall</u> Street: <u>65686 Clint Falls Rd</u> City: <u>Bend</u> State: <u>OR</u> Zip: <u>97703</u> <input checked="" type="checkbox"/> Email Results: <u>soundgoodgary@gmail.com</u> Ph: <u>(541) 480-0278</u> <input type="checkbox"/> Fx Results: () Billing (if different): _____				Analysis Requested <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E.Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other: _____								PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* *Check for availability		
Sampled by: <u>[Signature]</u>				Sample Type †		Weight (µg/ml)		Comments/Metrc ID						
Lab ID	Client Sample Identification	Date	Time											
	Relax CBD	9/29	10:30am		X			X		5ml				
	Focus CBD	9/29	10:30am		X			X		5ml				
	Revive CBD	9/29			X			X		5ml				
	Georgia Pie 8	9/29			X			X		5ml				
	Thin Mint 8	9/29			X			X		5ml				
	Strawberry Cough 8	9/29			X			X		5ml				
	7lb Hammer 8	9/29			X			X		5ml				
	Northern Lights 8	9/29			X			X		5ml				
	Bubba Kush 8	9/29			X			X		5ml				
Relinquished By:		Date	Time	Received By:			Date	Time	Lab Use Only:					
<u>[Signature]</u>		9/29	10:30am	<u>RBS</u>			9/30	10:16	<input checked="" type="checkbox"/> Shipped Via: <u>USPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): <u>19.9</u> Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____					

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

12423 NE Whitaker Way
Portland, OR 97230

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Page _____ of _____
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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.
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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 22-
Report Date: 011796/D015.R000
ORELAP#: 10/07/2022
Purchase Order: OR100028
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Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Document Control ID: 2732 Revision: 1
Effective: 05/04/2021
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Company: <u>Sunset Butte LLC</u> Contact: <u>Gary Hall</u> Street: <u>68886 Cline Falls Rd</u> City: <u>Bend</u> State: <u>OR</u> Zip: <u>97703</u> <input checked="" type="checkbox"/> Email Results: <u>sounds good gary @</u> <input type="checkbox"/> Fx Results: () Billing (if different): _____				Analysis Requested <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E.Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other: _____										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* *Check for availability																																																																																																																																																																																			
Sampled by: _____				<table border="1"> <thead> <tr> <th>Lab ID</th> <th>Client Sample Identification</th> <th>Date</th> <th>Time</th> <th>Pesticides - OR 59 compounds</th> <th>Pesticide Multi-Residue - 379 compounds</th> <th>Potency</th> <th>Residual Solvents</th> <th>Moisture & Water Activity</th> <th>Terpenes</th> <th>Micro: Yeast and Mold</th> <th>Micro: E.Coli and Total Coliform</th> <th>Heavy Metals</th> <th>Mycotoxins</th> <th>Other:</th> <th>Sample Type †</th> <th>Weight (µg/ml)</th> <th>Comments/Metrc ID</th> </tr> </thead> <tbody> <tr> <td></td> <td>Ice Cream Cook 8</td> <td>9/29</td> <td>10:40a</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Mendo Breath 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Blue Dream 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Clementino 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>King Louis 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Gelato 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Z Kitter 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Forbidden Fruit 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> <tr> <td></td> <td>Green Crade 8</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5m</td> <td></td> </tr> </tbody> </table>										Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type †	Weight (µg/ml)	Comments/Metrc ID		Ice Cream Cook 8	9/29	10:40a			X			X							5m			Mendo Breath 8					X			X							5m			Blue Dream 8					X			X							5m			Clementino 8					X			X							5m			King Louis 8					X			X							5m			Gelato 8					X			X							5m			Z Kitter 8					X			X							5m			Forbidden Fruit 8					X			X							5m			Green Crade 8					X			X							5m	
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Portland, OR 97230

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Page _____ of _____
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Revision: 1 Document ID: 7086
Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

Method Reference: EPA 5035 Batch ID: 2208384

Method Blank			Laboratory Control Sample				
Analyte Result	LOQ	Notes	Result	LCS Units	LCS % Rec	Limits	Notes
a-pinene	<LO	<200	54	50	µg/	109	7 - 13
Camphene	0	<200	4	0	g	%	0 - 0
Sabinene	<LO	<200	56	50	µg/	113	7 - 13
b-Pinene	0	<200	4	0	g	%	0 - 0
b-Myrcene	<LO	<200	56	50	µg/	112	7 - 13
a-phellandrene	0	<200	1	0	g	%	0 - 0
α-3-Carene	<LO	<200	55	50	µg/	111	7 - 13
a-Terpinene	0	<200	5	0	g	%	0 - 0
p-Cymene	<LO	<200	56	50	µg/	113	7 - 13
D-Limonene	0	<200	3	0	g	%	0 - 0
Eucalyptol	<LO	<200	59	50	µg/	119	7 - 13
b-cis-Ocimene	0	<67	7	0	g	%	0 - 0
b-trans-Ocimene	<LO	<133	59	50	µg/	119	7 - 13
g-Terpinene	0	<200	5	0	g	%	0 - 0
Sabinene_Hydrate	<LO	<200	56	50	µg/	112	7 - 13
Terpinolene	0	<200	0	0	g	%	0 - 0
D-Fenchone	<LO	<200	57	50	µg/	115	7 - 13
Linalool	0	<200	7	0	g	%	0 - 0
Fenchol	<LO	<200	54	50	µg/	109	7 - 13
Camphor	0	<200	7	0	g	%	0 - 0
Isopulego	<LO	<200	55	50	µg/	111	7 - 13
Isoborneol	0	<200	6	0	g	%	0 - 0
Borneol	<LO	<200	19	16	µg/	114	7 - 13
DL-Menthol	0	<200	1	7	g	%	0 - 0
Terpineol	<LO	<200	40	33	µg/	121	7 - 13
Nerol	0	<200	2	3	g	%	0 - 0
Pulegone	<LO	<200	55	50	µg/	110	7 - 13
Geraniol	0	<200	2	0	g	%	0 - 0
Geranyl_Acetate	<LO	<200	56	50	µg/	113	7 - 13
a-Cedrene	0	<200	7	0	g	%	0 - 0
b-Caryophytene	<LO	<200	56	50	µg/	113	7 - 13
a-Humulene	0	<200	6	0	g	%	0 - 0
Valenene	<LO	<200	54	50	µg/	108	7 - 13
cis-Nerolidol	0	<200	2	0	g	%	0 - 0
α-Farnesene	<LO	<200	60	50	µg/	122	7 - 13
trans-Nerolidol	0	<200	9	0	g	%	0 - 0
Caryophytene_Oxide	<LO	<200	57	50	µg/	115	7 - 13
Guaiol	0	<200	3	0	g	%	0 - 0
Cedrol	<LO	<200	57	50	µg/	115	7 - 13
a-Bisabolol	0	<200	4	0	g	%	0 - 0

Definitions	LOQ	LCS	% REC	Result	LCS Units	LCS % Rec	Limits	Notes
Limit of Quantitation	<LO	59	50	µg/	119	7	13	
Laboratory Control Sample	<LO	3	0	g	%	0	0	
Percent Recovery	<LO	57	50	µg/	114	7	13	
	0	2	0	g	%	0	0	
	<LO	58	50	µg/	116	7	13	
	0	1	0	g	%	0	0	
	<LO	56	50	µg/	113	7	13	
	0	4	0	g	%	0	0	
	<LO	59	50	µg/	119	7	13	
	0	6	0	g	%	0	0	
	<LO	59	50	µg/	118	7	13	
	0	1	0	g	%	0	0	
	<LO	58	50	µg/	117	7	13	
	0	5	0	g	%	0	0	
	<LO	61	50	µg/	123	7	13	
	0	3	0	g	%	0	0	
	<LO	54	50	µg/	109	7	13	
	0	7	0	g	%	0	0	
	<LO	59	50	µg/	118	7	13	
	0	0	0	g	%	0	0	
	<LO	57	50	µg/	116	7	13	
	0	9	0	g	%	0	0	
	<LO	57	50	µg/	115	7	13	
	0	3	0	g	%	0	0	
	<LO	60	50	µg/	120	7	13	
	0	2	0	g	%	0	0	
	<LO	63	50	µg/	127	7	13	
	0	7	0	g	%	0	0	
	<LO	58	50	µg/	116	7	13	
	0	0	0	g	%	0	0	

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58	50	µg/	116	7	13	
2	0	g	%	0	0	
61	50	µg/	122	7	13	
0	1	0	g	%	0	0
<LO	61	50	µg/	122	7	13
0	2	0	g	%	0	0



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Terpenes Quality Control Results

Method Reference: EPA 5035 Batch ID: 2208384

Sample/Sample Duplicate Sample ID: 22-011780-0001

Analyte Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LO	192	µg/	0%	<20	
Camphene	0	192	g	0%	<20	
Sabinene	<LO	192	µg/	0%	<20	
b-Pinene	0	192	g	0%	<20	
b-Myrcene	<LO	192	µg/	0%	<20	
a-phellandrene	0	192	g	0%	<20	
d-3-Carene	<LO	192	µg/	0%	<20	
a-Terpinene	0	192	g	0%	<20	
p-Cymene	<LO	192	µg/	0%	<20	
D-Limonene	0	192	g	0%	<20	
Eucalyptol	<LO	192	µg/	0%	<20	
b-cis-Ocimene	0	64.	g	0%	<20	
b-trans-Ocimene	<LO	1	µg/	0%	<20	
g-Terpinene	0	128	g	0%	<20	
Sabinene_Hydrate	<LO	192	µg/	0%	<20	
Terpinolene	0	192	g	0%	<20	
D-Fenchone	<LO	192	µg/	0%	<20	
Linalool	0	192	g	1%	<20	
Fenchol	<LO	192	µg/	0%	<20	
Camphor	0	192	g	0%	<20	
Isopulego	<LO	192	µg/	0%	<20	
Isoborneol	0	192	g	0%	<20	
Borneol	<LO	192	µg/	0%	<20	
DL-Menthhol	0	192	g	0%	<20	
Terpineol	<LO	192	µg/	0%	<20	
Nerol	0	192	g	0%	<20	
Putegone	<LO	192	µg/	0%	<20	
Geraniol	0	192	g	0%	<20	
Geranyl_Acetate	<LO	192	µg/	0%	<20	
a-Cedrene	0	192	g	0%	<20	
b-Caryophyllene	<LO	192	µg/	0%	<20	
a-Humulene	0	192	g	0%	<20	
Valenene	<LO	192	µg/	0%	<20	
cis-Nerolidol	0	192	g	0%	<20	
a-Farnesene	289	292	192	µg/	0%	<20
trans-Nerolidol	<LO	192	g	0%	<20	
Caryophyllene_Oxide	0	192	µg/	0%	<20	
Guaiol	<LO	192	g	0%	<20	
Cedrol	0	192	µg/	0%	<20	
a-Bisabolol	<LO	192	g	0%	<20	
Definitions	0	<LO	µg/			
RPD	Relative Percent Difference	0	µg/			
	<LO	0	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			
	<LO	<LO	g			
	0	0	µg/			

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503-254-1794

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Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID:2208424

Laboratory Control Sample Analyte LCS

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.106	0.10	%	102	80, - 12	Acceptable
CBDV	2	0.114	3	%	104	0 - 0	Acceptable
CBE	2	0.104	0.11	%	99	80, - 12	Acceptable
EBDA	1	0.102	0	%	7	0 - 0	Acceptable
CBGA	1	0.102	0.10	%	101	80, - 12	Acceptable
CBG	1	0.105	5	%	101	0 - 0	Acceptable
CBN	1	0.108	0.10	%	102	90, - 11	Acceptable
THCV	2	0.112	0	%	105	0 - 0	Acceptable
d8THCV	2	0.110	0.10	%	99	80, - 12	Acceptable
THCVA	2	0.107	1	%	2	0 - 0	Acceptable
CBN	1	0.099	0.10	%	99	80, - 12	Acceptable
exo-THC	2	9	3	%	4	0 - 0	Acceptable
d9THC	1	0.098	0.10	%	106	90, - 11	Acceptable
d8THC	1	9	3	%	98	0 - 0	Acceptable
CBL	2	0.098	0.11	%	8	80, - 12	Acceptable
d10THC	1	9	3	%	96	0 - 0	Acceptable
CB	2	0.097	0.11	%	5	80, - 12	Acceptable
THCA	1	0	0	%	95	0 - 0	Acceptable
CBGA	2	0.099	0.10	%	5	80, - 12	Acceptable
CBLA	2	1	1	%	96	0 - 0	Acceptable
CRT	2	0.092	0.10	%	6	90, - 11	Acceptable
		8	1		101	0 - 0	Acceptable
		0.106	0.10		97	80 - 12	

Method Blank Analyte

Analyte	Result	Units	%	Limits	Evaluation	Notes
CBDVA	0.095	3	0	90, 11	Acceptable	
CBDV	0.110	<LOQ	0	<0.077	Acceptable	
CBE	0.058	<LOQ	0	<0.077	Acceptable	
EBDA	2	<LOQ	0	<0.077	Acceptable	
CBGA	0.102	<LOQ	0	<0.077	Acceptable	
CBG	<LOQ	<LOQ	0	<0.077	Acceptable	
CBN	<LOQ	<LOQ	0	<0.077	Acceptable	
THCV	<LOQ	<LOQ	0	<0.077	Acceptable	
d8THCV	<LOQ	<LOQ	0	<0.077	Acceptable	
THCVA	<LOQ	<LOQ	0	<0.077	Acceptable	
CBN	<LOQ	<LOQ	0	<0.077	Acceptable	
exo-THC	<LOQ	<LOQ	0	<0.077	Acceptable	
d9THC	<LOQ	<LOQ	0	<0.077	Acceptable	
d8THC	<LOQ	<LOQ	0	<0.077	Acceptable	
CBL	<LOQ	<LOQ	0	<0.077	Acceptable	
d10THC	<LOQ	<LOQ	0	<0.077	Acceptable	
CB	<LOQ	<LOQ	0	<0.077	Acceptable	
THCA	<LOQ	<LOQ	0	<0.077	Acceptable	
CBGA	<LOQ	<LOQ	0	<0.077	Acceptable	
CBLA	<LOQ	<LOQ	0	<0.077	Acceptable	
CRT	<LOQ	<LOQ	0	<0.077	Acceptable	

ND - None Detected at or above MRI

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Units of Measure:
% - Percent

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Laboratory Quality Control Results

J AGAC 2015 V98-6		Batch ID: 2208424						
Sample Duplicate		Sample ID: 22-011796-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits Evaluation	Notes	
CBDVA			<100 < 100 0.077	%	NA < 20	Acceptable		
CBDV		0.546	0.318 0.077	%	5.67 < 20	Acceptable		
CBE		3.073	1.66 0.077	%	5.66 < 20	Acceptable		
CBDA		<100	< 100 0.077	%	NA < 20	Acceptable		
CBGA		<100	< 100 0.077	%	NA < 20	Acceptable		
CBG		1.871	1.25 0.077	%	6.75 < 20	Acceptable		
CBN		54.855	7 0.077	%	1.63 < 20	Acceptable		
THCV		<100	< 100 0.077	%	NA < 20	Acceptable		
d8THCV		<100	< 100 0.077	%	NA < 20	Acceptable		
THCVA		<100	< 100 0.077	%	NA < 20	Acceptable		
CBN		2.592	1.44 0.077	%	5.98 < 20	Acceptable		
exo-THC		<100	< 100 0.077	%	NA < 20	Acceptable		
d9THC		<100	< 100 0.077	%	NA < 20	Acceptable		
d8THC		<100	< 100 0.077	%	NA < 20	Acceptable		
CBL		<100	< 100 0.077	%	NA < 20	Acceptable		
d10THC		<100	< 100 0.077	%	NA < 20	Acceptable		
CBG		3.493	3.31 0.077	%	5.20 < 20	Acceptable		
THCA		<100	< 100 0.077	%	NA < 20	Acceptable		
CBGA		<100	< 100 0.077	%	NA < 20	Acceptable		
CBLA		<100	< 100 0.077	%	NA < 20	Acceptable		
CRT		6.924	4.0 0.077	%	7.85 < 20	Acceptable		

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

Units of Measure:



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.