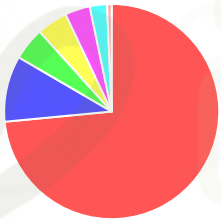




**Customer:** Sunset Butte LLC  
**Product identity:** Revive CBD  
**Client/Metric ID:** .  
**Laboratory ID:** 22-011796-0004

### Summary

#### Potency:

Analyte	Result (%)			
CBD	55.0	 <ul style="list-style-type: none"> <li>● CBD</li> <li>● CBT</li> <li>● CBE</li> <li>● CBC</li> <li>● CBN</li> <li>● CBG</li> <li>● CBDV</li> </ul>	CBD-Total	55.0%
CBT	7.42		THC-Total	<LOQ
CBE	3.68		(Reported in percent of total sample)	
CBC	3.46			
CBN	2.82			
CBG	1.94			
CBDV	0.519			

#### Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
Terpinolene	1.51	31.66	β-Caryophyllene	0.535	11.22%
cis-β-Ocimene	0.442	%	( R ) - ( + ) -	0.409	8.57%
α-Bisabolol	0.332	9.27%	Limonene β-	0.281	5.89%
Humulene	0.281	6.96%	Myrcene	0.273	5.72%
( - ) - β-Pinene	0.146	5.89%	Linalool	0.103	2.16%
( - ) - caryophyllene oxide	0.0765	3.06%	α-pinene ( - ) - a-	0.0706	1.48%
α-phellandrene	0.0613	1.60%	Terpineol d-3-	0.0526	1.10%
( ± ) - trans-Nerolidol	0.0520	1.29%	Carene α-	0.0506	1.06%
( - ) - Guaiol	0.0502	1.09%	Terpinene	0.0215	0.45%
( + ) - fenchol	0.0210	1.05%	γ-Terpinene	<b>4.77</b>	<b>100.00%</b>
		0.44%	<b>Total Terpenes</b>		



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

**Product identity:** Revive CBD

**Client/Metric ID:** .

**Sample Date:** 22-011796-0004

**Laboratory ID:** No

**Evidence of Cooling:** 19.9 °C

**Temp:** usps

**Relinquished by:**

### Sample Results

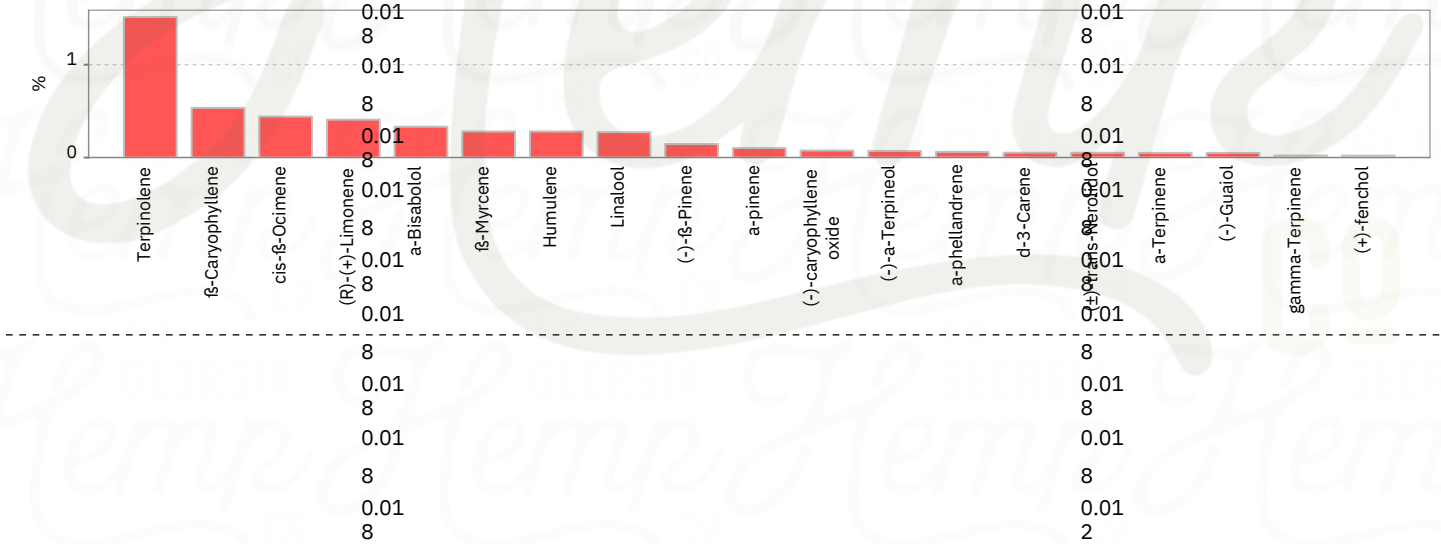
Potency **Method:** J AOAC 2015 V98-6 (mod)p **Units %** **Batch:** 2208424 **Analyze:** 10/4/22 10:56:00 PM

Analyte	As Dry Received weight	LOQ	Notes
CBC	3.46	0.0683	
CBC-A	<LOQ	0.0683	
CBC-Total	3.46	0.128	
CBD	55.0	0.683	
CBD-A	<LOQ	0.0683	
CBD-Total	55.0	0.742	
CBDV	0.519	0.0683	
CBDV-A	<LOQ	0.0683	
CBDV-Total	0.519	0.127	
CBE	3.68	0.0683	
CBG	1.94	0.0683	
CBG-A	<LOQ	0.0683	
CBG-Total	1.94	0.127	
CBL	<LOQ	0.0683	
CBL-A	<LOQ	0.0683	
CBL-Total	<LOQ	0.128	
CBN	2.82	0.0683	
CBT	7.42	0.0683	
Δ10-THC	<LOQ	0.0683	
Δ8-THC	<LOQ	0.0683	
Δ8-THCV	<LOQ	0.0683	
Δ9-THC	<LOQ	0.0683	
exo-THC	<LOQ	0.0683	
THC-A	<LOQ	0.0683	
THC-Total	<LOQ	0.128	
THCV	<LOQ	0.0683	
THCV-A	<LOQ	0.0683	
THCV-Total	<LOQ	0.127	
<b>Total Cannabinoids</b>	<b>74.8</b>		





Terpenes					Batch 2208384 Analyze 10/03/22 10:59 PM				
Method: J AOAC 2015 V98-6					Units %				
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
Terpinolene	1.51	0.01	31.66%		β-Caryophyllene	0.535	0.01	11.216%	
cis-β-Ocimene	0.442	8	9.266%		( R ) - ( + ) -	0.409	8	8.574%	
a-Bisabolol	0.332	0.00	6.960%		Limonene β-	0.281	0.01	5.891%	
Humulene	0.281	6	5.891%		Myrcene	0.273	8	5.723%	
(-) - β-Pinene	0.146	0.01	3.061%		Linalool	0.103	0.01	2.159%	
(-)-caryophyllene oxide	0.0765	8	1.6038%		a-pinene (-)-a-	0.0706	8	1.4801%	
a-phellandrene	0.0613	0.01	1.2851%		Terpineol d-3-	0.0526	0.01	1.1027%	
(±) - trans-Nerolidol	0.0520	8	1.0901%		Carene a-	0.0506	8	1.0608%	
(-) - Guaiol	0.0502	0.01	1.0524%		Terpinene	0.0215	0.01	0.4507%	
(+) - fenchol	0.0210	8	0.4403%		gamma-Terpinene	<LOQ	8	0.00%	
(±) - Camphor	<LOQ	0.01	0.00%		p-Cymene	<LOQ	0.01	0.00%	
Geranyl acetate	<LOQ	8	0.00%		Eucalyptol	<LOQ	8	0.00%	
(-) - Isopulegol	<LOQ	0.01	0.00%		(+) - Pulegone	<LOQ	0.01	0.00%	
(+) - Cedrol	<LOQ	8	0.00%		Geraniol	<LOQ	8	0.00%	
Menthol	<LOQ	0.01	0.00%		Sabinene	<LOQ	8	0.00%	
valencene	<LOQ	8	0.00%		(±) - cis-Nerolidol	<LOQ	0.01	0.00%	
(+) - Borneol	<LOQ	0.01	0.00%		Isoborneol	<LOQ	8	0.00%	
(±) - fenchone	<LOQ	8	0.00%		Camphene a-	<LOQ	0.01	0.00%	
farnesene	<LOQ	0.01	0.00%		cedrene	<LOQ	8	0.00%	
Sabinene hydrate	<LOQ	8	0.00%		nerol trans-β-	<LOQ	0.01	0.00%	
		8	0.00%		Ocimene	<LOQ	8	0.00%	
		0.01					0.01		
		8					8		
<b>Total Terpenes</b>	<b>4.77</b>								





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>b</sup>  
= 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/D019.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@gmail.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	
	<del>Obama Kush</del> 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/D019.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): _____				<b>Analysis Requested</b> <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>					
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
	Relax CBD	9/29	10:30am			X			X							5m	
	Focus CBD	9/29	10:30am			X			X							5m	
	Revive CBD	9/29				X			X							5m	
	Georgia Pie 8	9/29				X			X							5m	
	Thin Mint 8	9/29				X			X							5m	
	Strawberry Cough 8	9/29				X			X							5m	
	7lb Hammer 8	9/29				X			X							5m	
	Northern Lights 8	9/29				X			X							5m	
	Bubba Kush 8	9/29				X			X							5m	
Relinquished By: <u>[Signature]</u>		Date	Time	Received By: <u>RBS</u>			Date	Time	Lab Use Only:								
		9/29	10:30am				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)

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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.  
Testing in accordance with: OAR 333-007-0430



12423 NE Whitaker Way  
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 503-254-1794

**Report Number:** 22-  
**Report Date:** 011796/D019.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>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 R</u> <input checked="" type="checkbox"/> Fx Results: <u>IC LOADS COH</u> Ph: ( ) ( ) ( ) ( ) ( ) ( ) Billing (if different): _____				<b>Analysis Requested</b> <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 &amp; 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/Metric ID</th> </tr> </thead> <tbody> <tr> <td></td> <td>Ice Cream Cookies 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/Metric ID		Ice Cream Cookies 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	
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/Metric ID																																																																																																																																																																																
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Relinquished By: _____ Date: <u>9/29</u> Time: <u>10:40a</u>				Received By: <u>ICSS</u> Date: <u>9/30</u> Time: <u>10:16</u>										Lab Use Only: <input checked="" type="checkbox"/> Shipped Via: <u>usps</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>19.8</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: _____																																																																																																																																																																																			

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12423 NE Whitaker Way  
 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
d-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
a-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	<LO		64	50	µg/	129	7 - 13
LOQ	Limit of Quantitation		4	0	g	%	0 - 0
LCS	Laboratory Control Sample		59	50	µg/	119	7 - 13
% REC	Percent Recovery		3	0	g	%	0 - 0
			57	50	µg/	114	7 - 13
			2	0	g	%	0 - 0
			58	50	µg/	116	7 - 13
			1	0	g	%	0 - 0
			56	50	µg/	113	7 - 13
			4	0	g	%	0 - 0
			59	50	µg/	119	7 - 13
			6	0	g	%	0 - 0
			59	50	µg/	118	7 - 13
			1	0	g	%	0 - 0
			58	50	µg/	117	7 - 13
			5	0	g	%	0 - 0
			61	50	µg/	123	7 - 13
			3	0	g	%	0 - 0
			54	50	µg/	109	7 - 13
			7	0	g	%	0 - 0
			59	50	µg/	118	7 - 13
			0	0	g	%	0 - 0
			57	50	µg/	116	7 - 13
			9	0	g	%	0 - 0
			57	50	µg/	115	7 - 13
			3	0	g	%	0 - 0
			60	50	µg/	120	7 - 13
			2	0	g	%	0 - 0
			63	50	µg/	127	7 - 13
			7	0	g	%	0 - 0
			58	50	µg/	116	7 - 13
			0	0	g	%	0 - 0

Test results relate only to the parameters listed 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

58	50	µg/	116	7 - 13
2	0	g	%	0 - 0
61	50	µg/	122	7 - 13
0	0	g	%	0 - 0
61	50	µg/	122	7 - 13
0	0	g	%	0 - 0







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

**Report Number:** 22-  
**Report Date:** 011796/D019.R000  
**ORELAP#:** 10/07/2022  
**Purchase Order:** OR100028  
**Received:** 09/30/22 10:16



Revision: 1 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2208424

Laboratory Control Sample										
Analyte LCS	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			
CBG	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			
		0.106	0.10		97	80, 12				
		0.095	3		0	0, 0				
		0.095	3		98	90, 11				
Method Blank Analyte	Result		Units	%	Limits	Evaluation	Notes			
CBDVA	0.110	<LOQ	0.077	%	3	0 < 0.077	Acceptable			
CBDV	0.058	<LOQ	0.077	%	96	90, < 0.077	Acceptable			
CBE	2	<LOQ	0.077	%	2	0 < 0.077	Acceptable			
EBDA	0.102	<LOQ	0.077	%	104	80, < 0.077	Acceptable			
CBGA		<LOQ	0.077	%	104	0 < 0.077	Acceptable			
CBG		<LOQ	0.077	%	91	80, < 0.077	Acceptable			
CBN		<LOQ	0.077	%	0	6 < 0.077	Acceptable			
THCV		<LOQ	0.077	%	0	6 < 0.077	Acceptable			
d8THCV		<LOQ	0.077	%	0	80, < 0.077	Acceptable			
THCVA		<LOQ	0.077	%	0	0 < 0.077	Acceptable			
CBN		<LOQ	0.077	%	0	90, < 0.077	Acceptable			
exo-THC		<LOQ	0.077	%	0	0 < 0.077	Acceptable			
d9THC		<LOQ	0.077	%	0	80, < 0.077	Acceptable			
d8THC		<LOQ	0.077	%	0	0 < 0.077	Acceptable			
CBL		<LOQ	0.077	%	0	80, < 0.077	Acceptable			
d10THC		<LOQ	0.077	%	0	80, < 0.077	Acceptable			
CBG		<LOQ	0.077	%	0	80, < 0.077	Acceptable			
THCA		<LOQ	0.077	%	0	0 < 0.077	Acceptable			
CBGA		<LOQ	0.077	%	0	< 0.077	Acceptable			
CBLA		<LOQ	0.077	%	0	< 0.077	Acceptable			
CRT		<LOQ	0.077	%	0	< 0.077	Acceptable			

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

Units of Measure:  
 % - Percent



Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AGAC 2015 V98-6		Batch ID: 2208424						
Sample Duplicate	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	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	
deltaTHC		<100	<100	0.077	%	NA < 20	Acceptable	
CBL		<100	<100	0.077	%	NA < 20	Acceptable	
deltaTHC		<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.