




Customer: Sunset Butte LLC
Product identity: Obama Kush 8
Client/Metric ID: .
Laboratory ID: 22-011796-0027

Summary

Potency:

Analyte	Result (%)		
Δ -THC	77.9	 <ul style="list-style-type: none"> ● Δ8-THC ● Δ8-THCV ● CBG ● CBD 	CBD-Total 0.149%
8 -THCV	0.199		THC-Total <LOQ
ΔBG	0.184		(Reported in percent of total sample)
ΔBD	0.149		

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
β-Caryophyllene	1.38	29.93	(R) - (+) - Limonene	1.25	27.11%
Humulene	0.389	%	Linalool	0.332	7.20%
α-pinene	0.235	8.44%	(-) - β-Pinene	0.216	4.69%
(+) - fenchol	0.172	5.10%	(-) - a-Terpineol	0.124	2.69%
α-Bisabolol	0.122	3.73%	(±) - trans-Nerolidol	0.111	2.41%
β-Myrcene	0.0857	2.65%	(-) - caryophyllene oxide	0.0734	1.59%
cis-β-Ocimene	0.0478	1.86%	Terpinolene	0.0472	1.02%
Camphene	0.0210	1.04%	Total Terpenes	4.61	100.00%
		0.46%			



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

Product identity: Obama Kush 8

Client/Metric ID: .

Sample Date: 22-011796-0027

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: 2208465	Analyze: 10/5/22 10:24:00 PM
Analyte	As Dry Received weight	LOQ	Notes	
CBC	<LOQ	0.0757		
CBC-A	<LOQ	0.0757		
CBC-Total	<LOQ	0.142		
CBD	0.149	0.0757		
CBD-A	<LOQ	0.0757		
CBD-Total	0.149	0.142		
CBDV	<LOQ	0.0757		
CBDV-A	<LOQ	0.0757		
CBDV-Total	<LOQ	0.141		
CBE	<LOQ	0.0757		
CBG	0.184	0.0757		
CBG-A	<LOQ	0.0757		
CBG-Total	0.184	0.141		
CBL	<LOQ	0.0757		
CBL-A	<LOQ	0.0757		
CBL-Total	<LOQ	0.142		
CBN	<LOQ	0.0757		
CBT	<LOQ	0.0757		
Δ10- THC	<LOQ	0.0757		
Δ8-THC	77.9	0.757		
Δ8-THCV	0.199	0.0757		
Δ9-THC	<LOQ	0.0757		
exo-THC	<LOQ	0.0757		
THC-A	<LOQ	0.0757		
THC-Total	<LOQ	0.142		
THCV	<LOQ	0.0757		
THCV-A	<LOQ	0.0757		
THCV-Total	<LOQ	0.141		
Total Cannabinoids	78.4			





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/D012.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



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	
	Obama Kush Pure 8	9/29		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/D012.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>soundsgoodgary@gmail.com</u> Ph: <u>(541) 480-0278</u> <input type="checkbox"/> Fx Results: () Billing (if different): _____				Analysis Requested										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			
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:		Date	Time	Received By:			Date	Time	Lab Use Only:								
		9/29	10:30am	RBS			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)

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" you are agreeing to these terms
12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
info@columbiaboratories.com

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12423 NE Whitaker Way
 Portland, OR 97230
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Report Number: 22-
Report Date: 011796/D012.R000
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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 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	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
		9/29	10:40a	RCS		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 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: _____									

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

12423 NE Whitaker Way
 Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
 info@columbialaboratories.com

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 Testing in accordance with: OAR 333-007-0430



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

Laboratory Quality Control Results
Batch ID: 2208465

J AOAC 2015 V98-6										
Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Re	Limits	Limits	Limits	Evaluation	Notes
CBDVA	2	0.108	0.10	%	10	80.	-	12	Acceptable	
CBDV	2	0.114	0.11	%	5	0	-	0	Acceptable	
CBE	2	0.106	0.11	%	10	80.	-	12	Acceptable	
CBDA	1	0.105	0	%	4	0	-	0	Acceptable	
CBGA	1	0.105	0.10	%	10	80.	-	12	Acceptable	
CBG	1	0.108	0	%	1	0	-	0	Acceptable	
CDI	1	0.111	0.10	%	10	90.	-	11	Acceptable	
THCV	2	0.118	0	%	4	0	-	0	Acceptable	
d8THCV	2	0.117	0.10	%	10	80.	-	12	Acceptable	
THCVA	2	0.106	0	%	4	0	-	0	Acceptable	
CBN	1	0.107	0.10	%	10	80.	-	12	Acceptable	
exo-THC	2	0.108	0	%	5	0	-	0	Acceptable	
g9THC	1	0.108	0.10	%	10	90.	-	11	Acceptable	
g8THC	1	0.108	0	%	8	0	-	0	Acceptable	
CBL	2	0.102	0.11	%	10	80.	-	12	Acceptable	
h10THC	1	0.098	0	%	5	0	-	0	Acceptable	
CBG	2	0.106	0.11	%	10	80.	-	12	Acceptable	
THCA	1	0.114	0	%	0	0	-	0	Acceptable	
CBGA	2	0.104	0.10	%	10	80.	-	12	Acceptable	
CBLA	2	0.106	0	%	5	0	-	0	Acceptable	
CBT	2	0.067	0.10	%	10	90.	-	11	Acceptable	
		0.112	0.10	%	10	80.	-	12		
			0.00	Units	5	0	Limits	0		
				Units	10	90.	Limits	11		
CBDVA		<LOQ	0.007	%	5	0	<0.0077	0	Acceptable	
CBDV		<LOQ	0.110	%	10	90.	<0.0077	11	Acceptable	
CBE		<LOQ	0.007	%	7	0	<0.0077	0	Acceptable	
CBDA		<LOQ	0.007	%	4	0	<0.0077	0	Acceptable	
CBGA		<LOQ	0.007	%	10	80.	<0.0077	12	Acceptable	
CBG		<LOQ	0.007	%	4	0	<0.0077	0	Acceptable	
CDI		<LOQ	0.007	%	10	80.	<0.0077	12	Acceptable	
THCV		<LOQ	0.110	%	3	0	<0.0077	0	Acceptable	
d8THCV		<LOQ	0.007	%	10	80.	<0.0077	12	Acceptable	
THCVA		<LOQ	0.109	%	5	0	<0.0077	0	Acceptable	
CBN		<LOQ	0.007	%	10	90.	<0.0077	11	Acceptable	
exo-THC		<LOQ	0.110	%	4	0	<0.0077	0	Acceptable	
g9THC		<LOQ	0.007	%	10	80	<0.0077	12	Acceptable	
g8THC		<LOQ	0.007	%	0	0	<0.0077	0	Acceptable	
CBL		<LOQ	0.007	%	10	80.	<0.0077	12	Acceptable	
h10THC		<LOQ	0.111	%	3	0	<0.0077	0	Acceptable	
CBG		<LOQ	0.007	%	10	80.	<0.0077	12	Acceptable	
THCA		<LOQ	0	%	0	0	<0.0077	0	Acceptable	
CBGA		<LOQ	0.007	%			<0.0077		Acceptable	
CBLA		<LOQ	0	%			<0.0077		Acceptable	
CBT		<LOQ	0.007	%			<0.0077		Acceptable	
			0.007							

Abbreviations
 ND -None Detected at or above MRL
 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

Analyte	Result	Org. Result	LOQ	Units	RPD Limits Evaluation	Notes
CBDVA	0.34	0.33	0.07	%	0.627 < 2U	Acceptable
CBDV	1	8	7	%		Acceptable
CBE	<1.00	<1.00	0.07	%	NA < 20	Acceptable
CBD	<1.00	<1.00	7	%	NA < 20	Acceptable
CBDVA	77.2	79.7	0.07	%	3.24 < 20	Acceptable
CBEA	0.46	0.52	7	%	11.7 < 20	Acceptable
CBD	8	7	0.07	%		Acceptable
THCV	<1.00	<1.00	7	%	2.59 < 20	Acceptable
d8THCV	5.52	5.66	0.07	%		Acceptable
THCV	<1.00	<1.00	7	%	NA < 20	Acceptable
THCVA	<1.00	<1.00	7	%	NA < 20	Acceptable
CBN	<1.00	<1.00	0.07	%	NA < 20	Acceptable
exo-THC	<1.00	<1.00	7	%	NA < 20	Acceptable
d9THC	<1.00	<1.00	0.07	%	NA < 20	Acceptable
d8THC	<1.00	<1.00	7	%	NA < 20	Acceptable
CB1	<1.00	<1.00	0.07	%	NA < 20	Acceptable
d10THC	<1.00	<1.00	7	%	NA < 20	Acceptable
CB2	<1.00	<1.00	0.07	%	NA < 20	Acceptable
THCA	<1.00	<1.00	7	%	NA < 20	Acceptable
THCA	<1.00	<1.00	0.07	%	NA < 20	Acceptable
CBGA	<1.00	<1.00	7	%	NA < 20	Acceptable
CBLA	<1.00	<1.00	0.07	%	NA < 20	Acceptable
CBT	<1.00	<1.00	7	%	NA < 20	Acceptable
	<1.00	<1.00	7	%		
	<1.00	<1.00	0.07	%		

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

Units of Measure:

7
0.07
7
0.07
7
0.07
7
0.07
7
0.07
7
0.07
7
0.07
7
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7
0.07
7



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

Terpenes Quality Control Results

Method Reference: EPA 5035			Batch ID:		2208520			
Method Blank			Laboratory Control Sample					
Analyte Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LO	<200	51	50	µg/	103	7 - 13	
Camphene	Q	<200	3	0	g	%	0 - 0	
Sabinene	<LO	<200	53	50	µg/	107	7 - 13	
b-Pinene	Q	<200	4	0	g	%	0 - 0	
b-Myrcene	<LO	<200	53	50	µg/	106	7 - 13	
a-phellandrene	Q	<200	2	0	g	%	0 - 0	
α-3-Carene	<LO	<200	52	50	µg/	106	7 - 13	
a-Terpinene	Q	<200	9	0	g	%	0 - 0	
p-Cymene	<LO	<200	53	50	µg/	107	7 - 13	
D-Limonene	Q	<200	6	0	g	%	0 - 0	
Eucalyptol	<LO	<200	53	50	µg/	107	7 - 13	
b-cis-Ocimene	Q	<67	3	0	g	%	0 - 0	
b-trans-Ocimene	<LO	<133	56	50	µg/	113	7 - 13	
g-Terpinene	Q	<200	5	0	g	%	0 - 0	
Sabinene_Hydrate	<LO	<200	50	50	µg/	101	7 - 13	
Terpinolene	Q	<200	4	0	g	%	0 - 0	
D-Fenchone	<LO	<200	51	50	µg/	103	7 - 13	
Linalool	Q	<200	5	0	g	%	0 - 0	
Fenchol	<LO	<200	51	50	µg/	102	7 - 13	
Camphor	Q	<200	0	0	g	%	0 - 0	
Isopulego	<LO	<200	52	50	µg/	105	7 - 13	
Isoborneol	Q	<200	5	0	g	%	0 - 0	
Borneol	<LO	<200	17	16	µg/	107	7 - 13	
DL-Menthol	Q	<200	8	7	g	%	0 - 0	
Terpineol	<LO	<200	38	33	µg/	116	7 - 13	
Nerol	Q	<200	6	3	g	%	0 - 0	
Pulegone	<LO	<200	53	50	µg/	106	7 - 13	
Geraniol	Q	<200	0	0	g	%	0 - 0	
Geranyl_Acetate	<LO	<200	51	50	µg/	104	7 - 13	
a-Cedrene	Q	<200	9	0	g	%	0 - 0	
b-Caryophytene	<LO	<200	52	50	µg/	106	7 - 13	
a-Humulene	Q	<200	9	0	g	%	0 - 0	
Valenene	<LO	<200	50	50	µg/	101	7 - 13	
cis-Nerolidol	Q	<200	4	0	g	%	0 - 0	
α-Farnesene	<LO	<200	60	50	µg/	121	7 - 13	Q1
trans-Nerolidol	Q	<200	3	0	g	%	0 - 0	
Caryophytene_Oxide	<LO	<200	53	50	µg/	107	7 - 13	
Guaiol	Q	<200	6	0	g	%	0 - 0	
Cedrol	<LO	<200	52	50	µg/	106	7 - 13	
α-Bisabolol	Q	<200	8	0	g	%	0 - 0	
Definitions	Q		56	50	µg/	113	7 - 13	
LOQ	Limit of Quantitation		7	0	g	%	0 - 0	
LCS	Laboratory Control Sample		54	50	µg/	109	7 - 13	
% REC	Percent Recovery		4	0	g	%	0 - 0	
Q1	Quality control result biased high. Only non-detect samples reported.		55	50	µg/	110	7 - 13	
			2	0	g	%	0 - 0	
			51	50	µg/	104	7 - 13	
			9	0	g	%	0 - 0	
			52	50	µg/	104	7 - 13	
			2	0	g	%	0 - 0	
			54	50	µg/	109	7 - 13	
			6	0	g	%	0 - 0	
			54	50	µg/	109	7 - 13	
			7	0	g	%	0 - 0	
			55	50	µg/	111	7 - 13	
			6	0	g	%	0 - 0	
			57	50	µg/	115	7 - 13	
			6	0	g	%	0 - 0	
			51	50	µg/	103	7 - 13	
			3	0	g	%	0 - 0	
			53	50	µg/	107	7 - 13	
			6	0	g	%	0 - 0	
			54	50	µg/	108	7 - 13	
			2	0	g	%	0 - 0	
			53	50	µg/	106	7 - 13	
			0	0	g	%	0 - 0	
			60	50	µg/	122	7 - 13	
			8	0	g	%	0 - 0	
			69	50	µg/	139	7 - 13	
			3	0	g	%	0 - 0	
			54	50	µg/	109	7 - 13	
			7	0	g	%	0 - 0	
			50	50	µg/	100	7 - 13	
			57	50	µg/	114	7 - 13	
			0	0	g	%	0 - 0	
			57	50	µg/	115	7 - 13	
			3	0	g	%	0 - 0	
			57	50	µg/	116	7 - 13	
			8	0	g	%	0 - 0	



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

Report Number: 22-
Report Date: 011796/D012.R000
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Received: 09/30/22 10:16



Revision: 1 Document ID: 7086
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Terpenes Quality Control Results

Method Reference: EPA 5035		Batch ID: 2208520	
Sample/Sample Duplicate		Sample ID:22-011796-0021	
Analyte Result	Org. Result	LOQ	Units% RPDLIMIT
a-pinene	1430	1370	192 µg/ 4% <20
Camphene	<LOQ	<LOQ	192 g 0% <20
Sabinene	<LOQ	<LOQ	192 µg/ 0% <20
b-Pinene	8690	8420	192 g 3% <20
b-Myrcene	1860	1790	192 µg/ 4% <20
a-phellandrene	<LOQ	<LOQ	192 g 0% <20
d-3-Carene	<LOQ	<LOQ	192 µg/ 0% <20
a-Terpinene	<LOQ	<LOQ	192 g 0% <20
p-Cymene	<LOQ	<LOQ	192 µg/ 0% <20
D-Limonene	9030	8640	192 g 4% <20
Eucalyptol	<LOQ	<LOQ	192 µg/ 0% <20
b-cis-Ocimene	89	93	64. g 5% <20
b-trans-Ocimene	<LOQ	<LOQ	1 µg/ 0% <20
g-Terpinene	<LOQ	<LOQ	128 g 0% <20
Sabinene_Hydrate	<LOQ	<LOQ	192 µg/ 0% <20
Terpinolene	<LOQ	<LOQ	192 g 0% <20
D-Fenchone	<LOQ	<LOQ	192 µg/ 0% <20
Linalool	2960	2870	192 g 3% <20
Fenchol	<LOQ	<LOQ	192 µg/ 0% <20
Camphor	<LOQ	<LOQ	192 g 0% <20
Isopulego	<LOQ	<LOQ	192 µg/ 0% <20
Isoborneol	<LOQ	<LOQ	192 g 0% <20
Borneol	<LOQ	<LOQ	192 µg/ 0% <20
DL-Menthol	<LOQ	<LOQ	192 g 0% <20
Terpineol	<LOQ	<LOQ	192 µg/ 0% <20
Nerol	<LOQ	<LOQ	192 g 0% <20
Pulegone	<LOQ	<LOQ	192 µg/ 0% <20
Geraniol	<LOQ	<LOQ	192 g 0% <20
Geranyl_Acetate	<LOQ	<LOQ	192 µg/ 0% <20
a-Cedrene	<LOQ	<LOQ	192 g 0% <20
b-Caryophyllene	13800	13300	192 µg/ 4% <20
a-Humulene	6030	5850	192 g 3% <20
Vatene	<LOQ	<LOQ	192 µg/ 0% <20
cis-Nerolidol	<LOQ	<LOQ	192 g 0% <20
a-Farnesene	<LOQ	<LOQ	192 µg/ 0% <20
trans-Nerolidol	<LOQ	<LOQ	192 g 0% <20
Caryophyllene_Oxide	278	269	192 µg/ 3% <20
Guaiol	<LOQ	<LOQ	192 g 0% <20
Cedrol	<LOQ	<LOQ	192 µg/ 0% <20
a-Bisabolol	<LOQ	<LOQ	192 g 0% <20

Definitions

RPD Relative Percent Difference

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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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.