




Customer: Sunset Butte LLC
Product identity: Strawberry Cough 8
Client/Metric ID: .
Laboratory ID: 22-011796-0007

Summary

Potency:

Analyte	Result (%)		
Δ8-THC	81.6	 <ul style="list-style-type: none"> ● Δ8-THC ● Δ8-THCV ● Δ10-THC 	CBD-Total <LOQ
Δ8-THCV	0.380		THC-Total <LOQ
Δ1-THC	0.0979		(Reported in percent of total sample)
0			

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
β-Caryophyllene	0.956	25.84	β-Myrcene	0.591	15.97%
(R) - (+) - Limonene	0.490	%	Humulene	0.333	9.00%
α-pinene	0.279	13.24	α-Bisabolol	0.226	6.11%
(-) - β-Pinene	0.186	%	Linalool	0.172	4.65%
valencene	0.131	7.54%	cis-β-Ocimene	0.116	3.14%
(-) - α-Terpineol	0.0676	5.03%	(+) - fenchol	0.0653	1.76%
(-)-caryophyllene oxide	0.0419	3.54%	Terpinolene	0.0295	0.80%
Camphene	0.0191	1.83%	Total Terpenes	3.70	100.00%
		1.13%			
		0.52%			



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

Product identity: Strawberry Cough 8

Client/Metric ID: .

Sample Date: 22-011796-0007

Laboratory ID: No

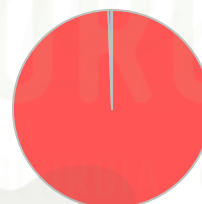
Evidence of Cooling: 19.9 °C

Temp: usps

Relinquished by:

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)b	Units %	Batch: 2208424	Analyze: 10/4/22 11:19:00 PM
Analyte	As Dry Received weight	LOQ	Notes	
CBC	<LOQ	0.0736		
CBC-A	<LOQ	0.0736		
CBC-Total	<LOQ	0.138		
CBD	<LOQ	0.0736		
CBD-A	<LOQ	0.0736		
CBD-Total	<LOQ	0.138		
CBDV	<LOQ	0.0736		
CBDV-A	<LOQ	0.0736		
CBDV-Total	<LOQ	0.137		
CBE	<LOQ	0.0736		
CBG	<LOQ	0.0736		
CBG-A	<LOQ	0.0736		
CBG-Total	<LOQ	0.137		
CBL	<LOQ	0.0736		
CBL-A	<LOQ	0.0736		
CBL-Total	<LOQ	0.138		
CBN	<LOQ	0.0736		
CBT	<LOQ	0.0736		
Δ10- THC	0.0979	0.0736		
Δ8-THC	81.6	0.736		
Δ8-THCV	0.380	0.0736		
Δ9-THC	<LOQ	0.0736		
exo-THC	<LOQ	0.0736		
THC-A	<LOQ	0.0736		
THC-Total	<LOQ	0.138		
THCV	<LOQ	0.0736		
THCV-A	<LOQ	0.0736		
THCV-Total	<LOQ	0.137		
Total Cannabinoids	82.1			



● Δ8-THC
● Δ8-THCV
● Δ10-THC



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/D016.R000
ORELAP#: 10/07/2022
Purchase Order: OR100028
Received: 09/30/22 10:16





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



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

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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

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

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

Definitions

RPD Relative Percent Difference

0	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0
<LO	<LO
0	0

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0	0	µg/
<LO	<LO	g
0	0	µg/
<LO	<LO	g
0	0	µg/



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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		
CBDVA	0.110	<LOQ	0.077	%	3	0	<0.077	0	Acceptable	
CBDV	0.058	<LOQ	0.077	%	96.	90.	<0.077	11	Acceptable	
CBE	2	<LOQ	0.077	%	2	0	<0.077	0	Acceptable	
EBDA	0.102	<LOQ	0.077	%	104	80.	<0.077	12	Acceptable	
CBGA	<LOQ	0.077	%	104	0	<0.077	0	Acceptable		
CBG	<LOQ	0.077	%	91.	80.	<0.077	12	Acceptable		
CBN	<LOQ	0.077	%	0	6	<0.077	0	Acceptable		
THCV	<LOQ	0.077	%	0	6	<0.077	0	Acceptable		
d8THCV	<LOQ	0.077	%	0	60.	<0.077	12	Acceptable		
THCVA	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
CBN	<LOQ	0.077	%	0	90.	<0.077	11	Acceptable		
exo-THC	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
d9THC	<LOQ	0.077	%	0	80.	<0.077	12	Acceptable		
d8THC	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
CBL	<LOQ	0.077	%	0	80.	<0.077	12	Acceptable		
d10THC	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
CBG	<LOQ	0.077	%	0	80.	<0.077	12	Acceptable		
THCA	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
CBGA	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
CBLA	<LOQ	0.077	%	0	0	<0.077	0	Acceptable		
CRT	<LOQ	0.077	%	0	0	<0.077	0	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	0.077	%	NA < 20	Acceptable	
CBDV	0.546	0.518	0.077	%	5.67 < 20	Acceptable		
CBE	3.073	3.066	0.077	%	5.66 < 20	Acceptable		
CBDA			<100	0.077	%	NA < 20	Acceptable	
CBGA			<100	0.077	%	NA < 20	Acceptable	
CBG	1.871	1.75	0.077	%	6.75 < 20	Acceptable		
CBN	54.85	57.0	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	2.44	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	3.51	0.077	%	5.20 < 20	Acceptable		
THCA			<100	0.077	%	NA < 20	Acceptable	
CBGA			<100	0.077	%	NA < 20	Acceptable	
CBLA			<100	0.077	%	NA < 20	Acceptable	
CRT	6.924	6.40	0.077	%	7.85 < 20	Acceptable		

ND - None Detected or above MRL
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.