



Certificate ID: **110640**

Received: **11/1/22**

Scan QR Code  
for authenticity

**Sunset Lake Enterprises**

Client Sample ID: **Super Sour Space Candy**

**25 Brewer Parkway**

Lot Number: **50\_2022\_00000526\_SSSC**

**South Burlington, VT 05403-7326**

Matrix: **Flowers/Bud-Dry Flower**



Authorization: <b>Andrew Aubin, Lab Director</b>	Signature: 	Date: <b>11/7/2022</b>
---	--	---------------------------



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**

Analyst: **SD**

Test Date: **11/2/2022**

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**110640-CN**

ID	Weight %	Concentration (mg/g)		
<b>Δ9-THC</b>	<b>0.0660</b>	<b>0.660</b>		
<b>THCV</b>	<b>ND</b>	<b>ND</b>		
<b>CBD</b>	<b>0.430</b>	<b>4.30</b>		
<b>CBDV</b>	<b>ND</b>	<b>ND</b>		
<b>CBG</b>	<b>0.0641</b>	<b>0.641</b>		
<b>CBC</b>	<b>0.0487</b>	<b>0.487</b>		
<b>CBN</b>	<b>ND</b>	<b>ND</b>		
<b>THCA</b>	<b>0.601</b>	<b>6.01</b>		
<b>CBDA</b>	<b>17.0</b>	<b>170</b>		
<b>CBGA</b>	<b>0.506</b>	<b>5.06</b>		
<b>CBDVA</b>	<b>0.135</b>	<b>1.35</b>		
<b>Δ8-THC</b>	<b>ND</b>	<b>ND</b>		
<b>exo-THC</b>	<b>ND</b>	<b>ND</b>		
<b>Total</b>	<b>18.9</b>	<b>189</b>	<b>0%</b>	<b>Cannabinoids (wt%) 17.0%</b>
<b>Max THC</b>	<b>0.593</b>	<b>5.93</b>		<b>Limit of Quantitation (LOQ) = 0.0066 wt%</b>
<b>Max CBD</b>	<b>15.3</b>	<b>153</b>		<b>Limit of Detection (LOD) = 0.0022 wt%</b>

**Ratio of Total CBD to THC 25.9:1**

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation:  $MAX\ THC = (0.877 \times THCA) + THC$ . This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

**TP: Terpenes Profile [WI-10-37]**

Analyst: CS

Test Date: 11/2/2022

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation or solvent extraction followed by gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

**110640-TP**

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	0.235	2,350	
camphene	79-92-5	ND	ND	
sabinene	3387-41-5	0.0109	109	
beta-pinene	127-91-3	0.143	1,430	
beta-myrcene	123-35-3	0.654	6,540	
alpha-phellandrene	99-83-2	0.0388	388	
delta-3-carene	13466-78-9	0.0245	246	
alpha-terpinene	99-86-5	0.0276	276	
p-cymene	99-87-6	ND	ND	
D-limonene	5989-27-5	0.119	1,190	
eucalyptol	470-82-6	0.0086	86.2	
alpha-ocimene	502-99-8	ND	ND	
beta-ocimene	13877-91-3	0.0066	65.9	
gamma-terpinene	99-85-4	0.0166	166	
L-fenchone	7787-20-4	ND	ND	
terpinolene	586-62-9	0.626	6,260	
linalool	78-70-6	0.0212	212	
isopulegol	89-79-2	ND	ND	
menthol	89-78-1	ND	ND	
geraniol	106-24-1	ND	ND	
beta-caryophyllene	87-44-5	0.393	3,930	
alpha-humulene	6753-98-6	0.205	2,050	
cis-nerolidol	3790-78-1	ND	ND	
trans-nerolidol	40716-66-3	0.0309	309	
caryophyllene oxide	1139-30-6	0.0161	161	
guaial	489-86-1	0.126	1,260	
alpha-bisabolol	23089-26-1	0.0543	543	

Total Terpene: 2.8 wt%

\* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

**END OF REPORT**