


Certificate ID: **111265**
 Received: **11/21/22**
 Client Sample ID: **Special Sauce**
 Lot Number: **50_2022_00000526_SS**
 Matrix: **Flowers/Bud-Dry Flower**

Scan QR Code
for authenticity



Sunset Lake Enterprises
25 Brewer Parkway
South Burlington, VT 05403-7326

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 11/24/2022
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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: AC

Test Date: 11/23/2022

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.

111265-CN

ID	Weight %	Concentration (mg/g)			
Δ9-THC	0.0452	0.452			
THCV	ND	ND			
CBD	0.391	3.91			
CBDV	ND	ND			
CBG	0.0933	0.933			
CBC	0.0445	0.445			
CBN	ND	ND			
THCA	0.618	6.18			
CBDA	16.6	166			
CBGA	0.533	5.33			
CBDVA	0.0659	0.659			
Δ8-THC	ND	ND			
exo-THC	ND	ND			
Total	18.4	184	0%	Cannabinoids (wt%)	16.6%
Max THC	0.587	5.87		Limit of Quantitation (LOQ) = 0.0067 wt%	
Max CBD	14.9	149		Limit of Detection (LOD) = 0.0022 wt%	

Ratio of Total CBD to THC 25.5:1

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 x 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-10-08]

Analyst: AC

Test Date: 11/22/2022

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.

111265-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	0.0746	746	
camphene	79-92-5	0.0038	37.9	
beta-myrcene	123-35-3	0.705	7,050	
beta-pinene	127-91-3	0.0449	449	
delta-3-carene	13466-78-9	ND	ND	
alpha-terpinene	99-86-5	ND	ND	
Ocimene-1	-	0.0021	20.7	
D-limonene	5989-27-5	0.0938	938	
p-cymene	99-87-6	ND	ND	
Ocimene-2	-	0.0454	454	
eucalyptol	470-82-6	ND	ND	
gamma-terpinene	99-85-4	ND	ND	
terpinolene	586-62-9	0.0027	27.1	
linalool	78-70-6	0.0214	214	
isopulegol	89-79-2	0.0020	20.1	
geraniol	106-24-1	ND	ND	
beta-caryophyllene	87-44-5	0.274	2,740	
humulene	6753-98-6	0.0875	875	
guaial	489-86-1	<LOQ	<LOQ	
caryophyllene oxide	1139-30-6	0.0026	25.5	

Total Terpene: 1.4 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