



Certificate ID: **99652**

Received: **11/22/21**

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**Sunset Lake Enterprises**

**25 Brewer Parkway**

**South Burlington, VT 05403-7326**

**Attn: Sam Bellavance**

Client Sample ID: **Hawaiian Haze**

Lot Number: **013120211**

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

Authorization:

Chris Hudalla, Chief Science Officer

Signature:



Date:

11/24/2021



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.

## TP: Terpenes Profile [WI-10-08]

Analyst: AC

Test Date: 11/23/2021

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and 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.

### 99652-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile	
alpha-pinene	80-56-8	0.326	3,260	[Red bar]	
camphene	79-92-5	0.0070	69.7	[Orange bar]	
myrcene	123-36-3	1.14	11,400	[Orange bar]	
beta-pinene	127-91-3	0.142	1,420	[Yellow bar]	
3-carene	13466-78-9	0.0011	11.2	[Yellow bar]	
alpha-terpinene	99-86-5	0.0006	6.18	[Yellow bar]	
Ocimene-1	-	0.0007	6.96	[Yellow bar]	
limonene	138-86-3	0.0991	991	[Green bar]	
p-cymene	99-87-6	ND	ND	[Green bar]	
Ocimene-2	-	0.0177	177	[Green bar]	
eucalyptol	470-82-6	0.0013	13.3	[Green bar]	
gamma-terpinene	99-85-4	0.0012	11.5	[Green bar]	
terpinolene	586-62-9	0.0043	43.0	[Green bar]	
linalool	78-70-6	0.0509	509	[Blue bar]	
isopulegol	89-79-2	<RL	<RL	[Blue bar]	
geraniol	106-24-1	ND	ND	[Blue bar]	
beta-caryophyllene	87-44-5	0.166	1,660	[Blue bar]	
humulene	6753-98-6	0.0540	540	[Blue bar]	
caryophyllene oxide	1139-30-6	0.0034	33.9	[Blue bar]	

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wt%	0.00	1.00	2.00
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Total Terpene: 2.0 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**