


Certificate ID: **124046** Received: **4/1/24**
 Client Sample ID: **VS Tincture Oil - R9000**
 Lot Number: **R9000-6**
 Matrix: **Tincture/Infused Oil-Sesame Oil**

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Authorization:	Signature:	Date:
Andrew Aubin, Lab Director		4/5/2024



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: 4/2/2024

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.

124046-CN

ID	Weight %	Concentration (mg/mL)		
Δ^9 -THC	0.162	1.47		
THCV	ND	ND		
CBD	3.88	35.2		
CBDV	<LOQ	<LOQ		
CBG	0.0578	0.525		
CBC	0.168	1.53		
CBN	<LOQ	<LOQ		
THCA	0.139	1.26		
CBDA	3.92	35.6		
CBGA	0.0741	0.673		
CBDVA	<LOQ	<LOQ		
Δ^8 -THC	ND	ND		
exo-THC	ND	ND		
Total	8.40	76.3	0%	Cannabinoids (wt%) 3.92%
Total THC	0.284	2.58		Limit of Quantitation (LOQ) = 0.0116 wt%
Total CBD	7.32	66.4		Limit of Detection (LOD) = 0.00385 wt%

Ratio of Total CBD to THC 25.8:1

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-10-37]

Analyst: ZDV

Test Date: 4/4/2024

The sample was analyzed for terpenes (WI-10-37) utilizing solvent extraction followed by Gas Chromatography (GC) utilizing flame ionization detection (FID). Chromatographic data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

124046-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile	
alpha-pinene	80-56-8	0.0611	611		
camphene	79-92-5	ND	ND		
sabinene	3387-41-5	ND	ND		
beta-pinene	127-91-3	0.0246	246		
beta-myrcene	123-35-3	0.209	2,090		
alpha-phellandrene	99-83-2	ND	ND		
delta-3-carene	13466-78-9	ND	ND		
alpha-terpinene	99-86-5	ND	ND		
p-cymene	99-87-6	ND	ND		
D-limonene	5989-27-5	0.0260	260		
eucalyptol	470-82-6	0.00572	57.2		
alpha-ocimene	502-99-8	ND	ND		
beta-ocimene	13877-91-3	ND	ND		
gamma-terpinene	99-85-4	ND	ND		
L-fenchone	7787-20-4	ND	ND		
terpinolene	586-62-9	ND	ND		
linalool	78-70-6	0.0267	267		
isopulegol	89-79-2	ND	ND		
menthol	89-78-1	ND	ND		
geraniol	106-24-1	ND	ND		
beta-caryophyllene	87-44-5	0.0932	932		
alpha-humulene	6753-98-6	0.0442	442		
cis-nerolidol	3790-78-1	ND	ND		
trans-nerolidol	40716-66-3	0.00857	85.7		
caryophyllene oxide	1139-30-6	0.00837	83.7		
guaial	489-86-1	0.0710	710		
alpha-bisabolol	23089-26-1	0.120	1,200		
				wt%	
				0.00	
				0.25	
				0.50	

Total Terpene: 0.7 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