



Certificate ID: **119359** Received: **10/25/23**
 Client Sample ID: **Vet Strength Oil - R9001**
 Lot Number: **R9001-3**
 Matrix: **Tincture/Infused Oil-Sesame Seed Oil**

Scan QR Code for authenticity



Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 10/30/2023
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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: SD

Test Date: 10/26/2023

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.

119359-CN

ID	Weight %	Concentration (mg/mL)	
Δ^9 -THC	0.158	1.42	
THCV	ND	ND	
CBD	3.76	33.8	
CBDV	<LOQ	<LOQ	
CBG	0.0659	0.593	
CBC	0.145	1.30	
CBN	ND	ND	
THCA	0.142	1.28	
CBDA	3.86	34.7	
CBGA	0.0759	0.683	
CBDVA	0.0135	0.121	
Δ^8 -THC	ND	ND	
exo-THC	ND	ND	
Total	8.22	73.9	0% Cannabinoids (wt%) 3.86%
Total THC	0.283	2.54	Limit of Quantitation (LOQ) = 0.0117 wt%
Total CBD	7.15	64.2	Limit of Detection (LOD) = 0.00389 wt%

Ratio of Total CBD to THC 25.3:1

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: CS

Test Date: 10/25/2023

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.

119359-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile	
alpha-pinene	80-56-8	0.0596	596		
camphene	79-92-5	ND	ND		
sabinene	3387-41-5	ND	ND		
beta-pinene	127-91-3	0.0288	288		
beta-myrcene	123-35-3	0.220	2,200		
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	0.0305	305		
eucalyptol	470-82-6	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		
alpha-ocimene	502-99-8	ND	ND		
linalool	78-70-6	0.0246	246		
isopulegol	89-79-2	ND	ND		
menthol	89-78-1	ND	ND		
geraniol	106-24-1	ND	ND		
beta-caryophyllene	87-44-5	0.0903	904		
alpha-humulene	6753-98-6	0.0410	410		
cis-nerolidol	3790-78-1	ND	ND		
trans-nerolidol	40716-66-3	0.00843	84.3		
caryophyllene oxide	1139-30-6	0.00777	77.7		
guaial	489-86-1	0.0684	684		
alpha-bisabolol	23089-26-1	0.101	1,010		

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