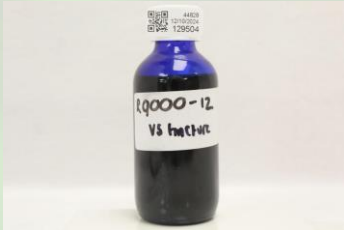


Certificate ID: **129504** Received: **12/10/24**
 Client Sample ID: **VS Tincture Oil**
 Lot Number: **R9000-12**
 Matrix: **Tincture/Infused Oil-Sesame Seed Oil**

Scan QR Code for authenticity



Authorization: Chris Hudalla, Chief Science Officer	Signature: <i>Christopher Hudalla</i>	Date: 12/16/2024
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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: *AJA*

Test Date: *12/13/2024*

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.

129504-CN

ID	Weight %	Concentration (mg/mL)	
$\Delta 9$ -THC	0.164	1.48	
THCV	ND	ND	
CBD	3.49	31.5	
CBDV	<LOQ	<LOQ	
CBG	0.0527	0.476	
CBC	0.158	1.43	
CBN	ND	ND	
THCA	0.155	1.40	
CBDA	3.63	32.8	
CBGA	0.0635	0.573	
CBDVA	<LOQ	<LOQ	
$\Delta 8$ -THC	ND	ND	
exo-THC	ND	ND	
Total	7.71	69.7	0%
Total THC	0.300	2.71	
Total CBD	6.67	60.3	

Cannabinoids (wt%) 3.63%
 Limit of Quantitation (LOQ) = 0.0116 wt%
 Limit of Detection (LOD) = 0.00388 wt%

Ratio of Total CBD to THC 22.2:1

Total THC (and Total 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: Total 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: 12/12/2024

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.

129504-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	0.0444	444	
camphene	79-92-5	ND	ND	
sabinene	3387-41-5	ND	ND	
beta-pinene	127-91-3	0.0173	173	
beta-myrcene	123-35-3	0.140	1,400	
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	0.0183	183	
eucalyptol	470-82-6	0.00473	47.3	
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	0.0188	188	
isopulegol	89-79-2	ND	ND	
menthol	89-78-1	ND	ND	
geraniol	106-24-1	ND	ND	
beta-caryophyllene	87-44-5	0.0692	692	
alpha-humulene	6753-98-6	0.0348	348	
cis-nerolidol	3790-78-1	ND	ND	
trans-nerolidol	40716-66-3	0.00687	68.7	
caryophyllene oxide	1139-30-6	0.00871	87.1	
guaial	489-86-1	0.0481	481	
alpha-bisabolol	23089-26-1	0.0821	821	

Total Terpene: 0.5 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