

Certificate ID: 97547

Received: 9/14/21

Client Sample ID: Bulk Vet Strength Bucket 1

Lot Number: 522

Matrix: Pet Tinctures - For Cats and Dogs





Authorization:

Signature:

Chris Hudalla, Chief Science Officer

Christophen Hudalla

Date:

9/17/2021







80585

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: 9/15/2021

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.

97547-CN

ID	Weight %	Concentration (mg/mL)			
D9-THC	0.211	2.00			
THCV	ND	ND			
CBD	3.96	37.5			
CBDV	<loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td></loq<>			
CBG	0.0793	0.751			
CBC	0.184	1.74			
CBN	<loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td></loq<>			
THCA	0.0788	0.746			
CBDA	3.04	28.8			
CBGA	0.0839	0.795			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	7.65	72.5	0%	Cannabinoids (wt%)	3.96%
Max THC	0.280	2.65		Limit of Quantitation (LOQ) =	0.0111 wt%
Max CBD	6.63	62.8		Limit of Detection (LOD) =	0.0037 wt%

Ratio of Total CBD to THC 23.7:1

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.

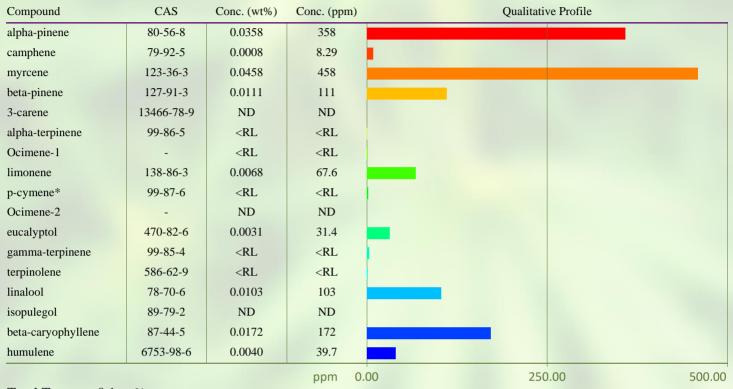
TP: Terpenes Profile [WI-10-08]

Analyst: AC

Test Date: 9/15/2021

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.

97547-TP



Total Terpene: 0.1 wt%

END OF REPORT

^{*} 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.