PROVERDE LABORATORIES

Test Certificate

Certificate ID: **72316 (Prelim)**
Client Sample ID: **1800mg**
Lot Number: **111219**
Matrix: **Tincture/Infused Oil - CBD**

Received: **11/27/19**

Scan QR Code for authenticity

Gnome Serums
56 Bridge Street
Johnsonville, NY 12094
Attn: Gregory Kerber

Authorization:	Signature:	Date:
Jon Podgorni, Lead Research Chemist	Jon Podgorni	12/4/2019

PJLA Testing
Accreditation
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.

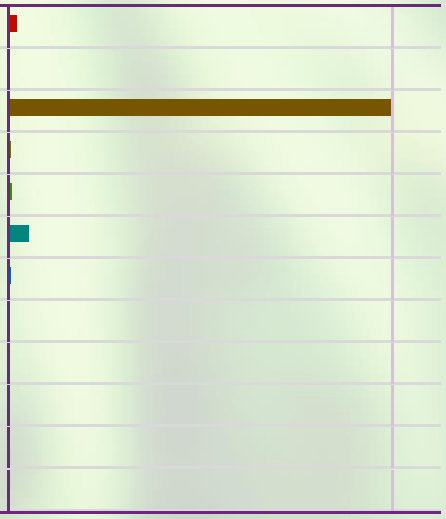
CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: JSG *Test Date: 12/3/2019*

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.

72316-CN

ID	Weight %	Concentration (mg/mL)
D9-THC	0.14	1.31
THCV	ND	ND
CBD	6.48	61.01
CBDV	0.05	0.44
CBG	0.06	0.52
CBC	0.35	3.30
CBN	0.04	0.40
THCA	ND	ND
CBDA	ND	ND
CBGA	ND	ND
D8-THC	ND	ND
exo-THC	ND	ND
Total	7.12	66.97
Max THC	0.14	1.31
Max CBD	6.48	61.01



Ratio of Total CBD to THC 46.7:1

Limit of Quantitation (LOQ) = 0.01 wt%

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 half of LOQ.

EA: Elemental Analysis [WI-10-13] *Analyst: CJS* *Test Date: 12/3/2019*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

72316-EA

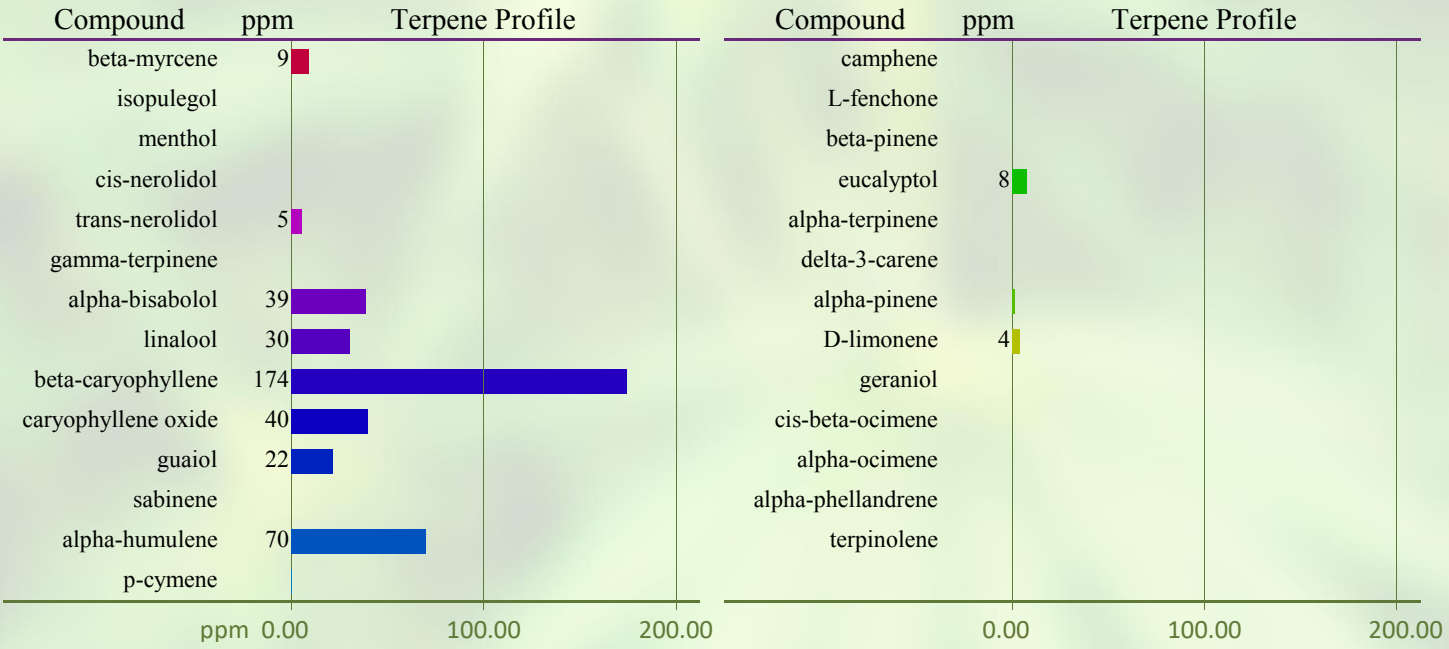
Symbol	Metal	Conc.[1] (µg/kg)	RL (µg/kg)	Limits[2] (µg/kg)	Status
Al	Aluminum	438	50	-	
As	Arsenic	ND	50	1,500	PASS
Cd	Cadmium	ND	50	500	PASS
Ca	Calcium	720	500	-	
Cr	Chromium	ND	50	1,100,000	PASS
Co	Cobalt	ND	50	5,000	PASS
Cu	Copper	ND	50	300,000	PASS
Fe	Iron	124	50	-	
Pb	Lead	ND	50	500	PASS
Mg	Magnesium	231	50	-	
Mn	Manganese	ND	50	-	
Hg	Mercury	ND	50	3,000	PASS
Mo	Molybdenum	ND	50	300,000	PASS
Ni	Nickel	394	50	20,000	PASS
P	Phosphorus	ND	500	-	
K	Potassium	1,176	500	-	
Se	Selenium	ND	50	-	
Ag	Silver	ND	50	15,000	PASS
S	Sulfur	1,530	500	-	
Sn	Tin	1,946	500	600,000	PASS
Zn	Zinc	257	50	-	

1) ND = None detected to the Method Detection Limit (MDL)
2) USP recommended maximum daily limits for oral drug product.

TP: Terpenes Profile [WI-10-27] *Analyst: JR* *Test Date: 12/3/2019*

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations. All values are semiquantitative estimates based on recorded peak areas relative to terpene calibration data.

72316-TP



Total Terpene: <0.1 wt%

END OF REPORT