



Certificate ID: **23596**

Client Sample ID: **T0431017**

Matrix: **Tincture - Olive Oil**

Date Received: **11/13/2017**



PRL, Inc.
84 W 4th Avenue
Lobelville, TN 37097
Attn: Brent Davis

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.

Authorization: Matthew Silva, Chemical Engineer	Signature: 	Date: 11/17/2017
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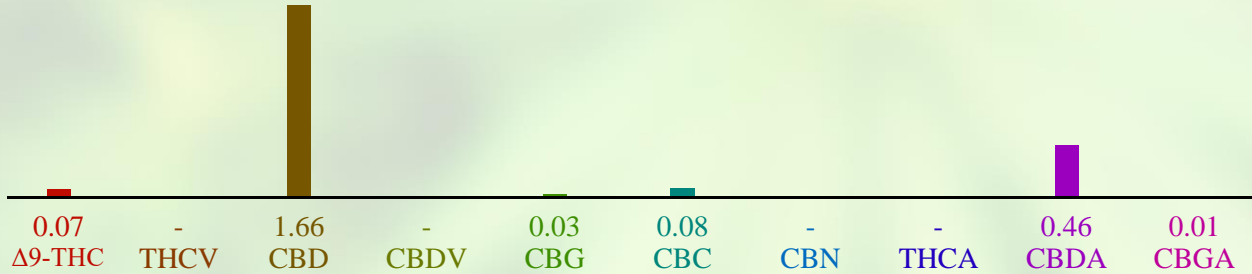
CN: Cannabinoid Profile & Potency [WI-10-04]

Analyst: *JFD*

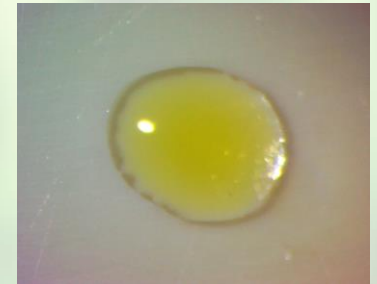
Test Date: 11/17/2017

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

23596-CN



ID	Weight %	Conc.
Δ9-THC	0.07 wt %	0.68 mg/mL
THCV	ND	ND
CBD	1.66 wt %	15.44 mg/mL
CBDV	0.01 wt %	0.06 mg/mL
CBG	0.03 wt %	0.29 mg/mL
CBC	0.08 wt %	0.73 mg/mL
CBN	0.01 wt %	0.07 mg/mL
THCA	ND	ND
CBDA	0.46 wt %	4.24 mg/mL
CBGA	0.01 wt %	0.11 mg/mL
Total	2.33 wt%	21.61 mg/mL
Max THC	0.07 wt%	0.68 mg/mL
Max CBD	2.06 wt%	19.16 mg/mL



Ratio of Total CBD to THC 29.4:1

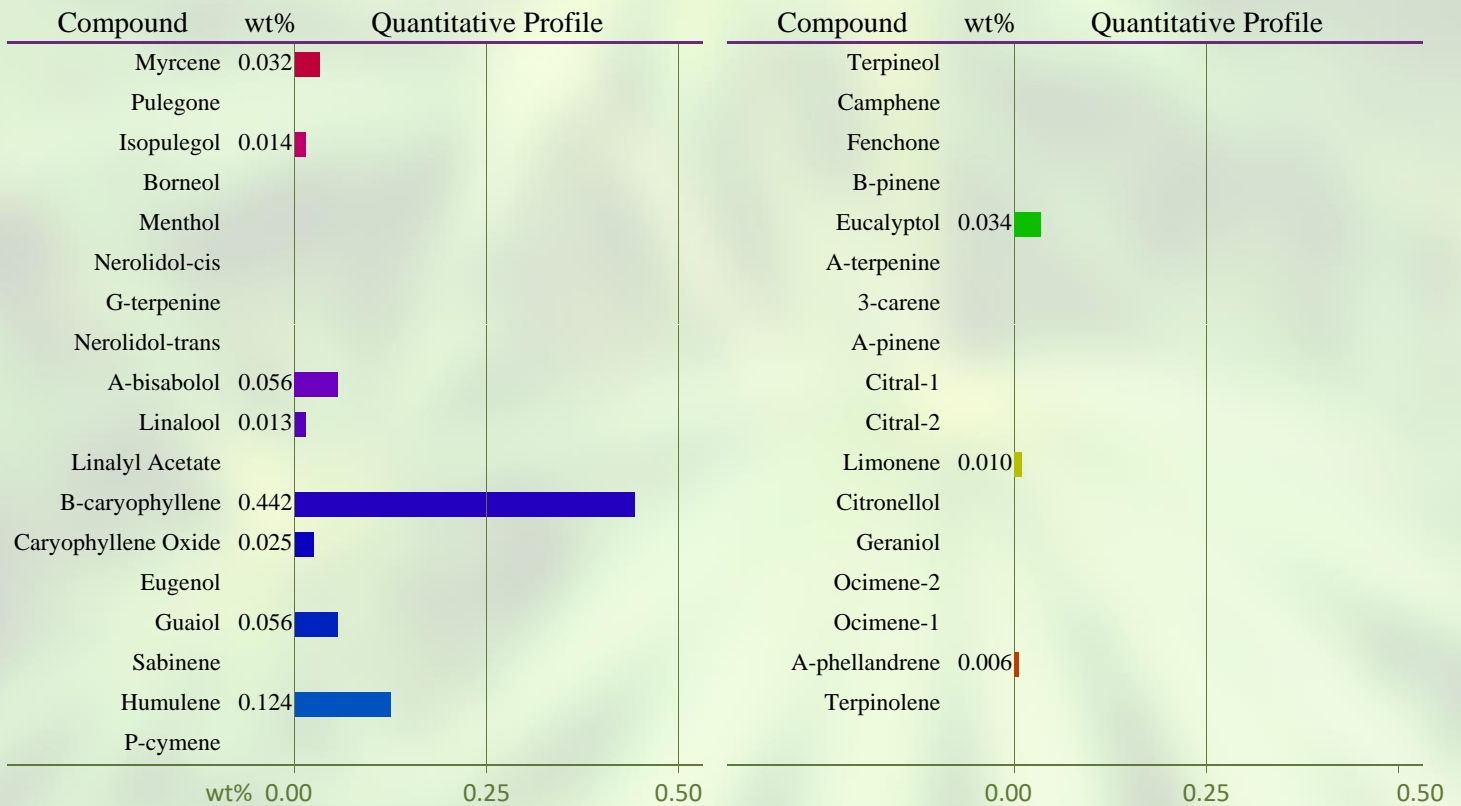
Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. ND = None detected above the limits of detection (LLD)

TP: Terpenes Profile [WI-10-08]

Analyst: CJH

Test Date: 11/17/2017

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.

23596-TP

Total Terpene: 0.8 wt%

* Indicates qualitative calculation based on recorded peak areas.

END OF REPORT