

Certificate ID: **21084**

Client Sample ID: **Dog Oil**

Matrix: **Concentrates/Extracts - Other**

Date Received: **9/11/2017**



Colorado CBD Company

3363 Jay St.

Wheat Ridge, CO 80033

Attn: Caleb Gilmore

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: 9/19/2017
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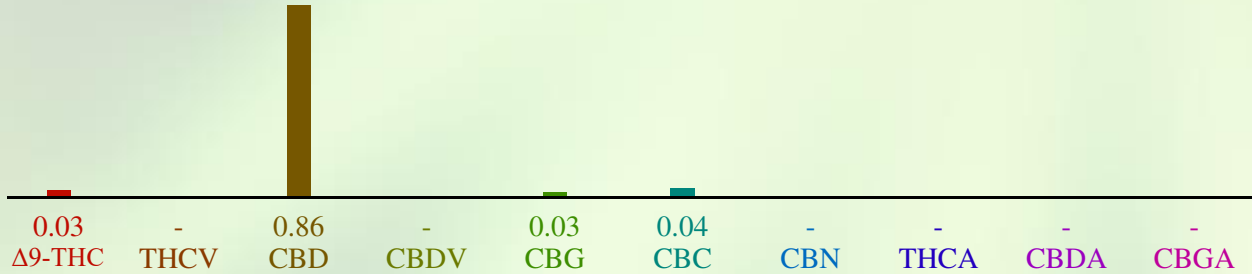
**CN: Cannabinoid Profile & Potency [WI-10-04]**

Analyst: *JFD*

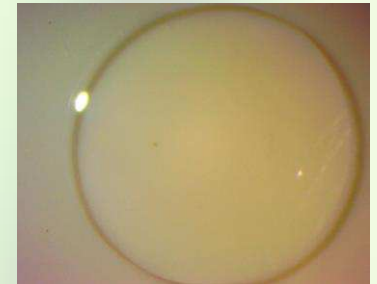
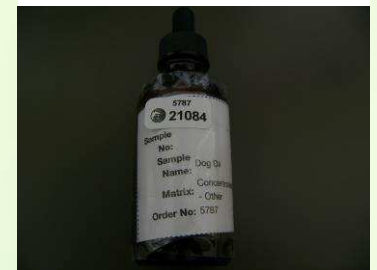
Test Date: 9/19/2017

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.

**21084-CN**



ID	Weight %	Conc.
$\Delta^9$ -THC	0.03 wt %	0.30 mg/mL
THCV	-	-
CBD	0.86 wt %	8.11 mg/mL
CBDV	0.00 wt %	0.03 mg/mL
CBG	0.03 wt %	0.24 mg/mL
CBC	0.04 wt %	0.38 mg/mL
CBN	0.00 wt %	0.02 mg/mL
THCA	-	-
CBDA	-	-
CBGA	-	-
<b>Total</b>	<b>0.97 wt%</b>	<b>9.08 mg/mL</b>
<b>Max THC</b>	<b>0.03 wt%</b>	<b>0.30 mg/mL</b>
<b>Max CBD</b>	<b>0.86 wt%</b>	<b>8.11 mg/mL</b>



**Ratio of Total CBD to THC 28.7:1**

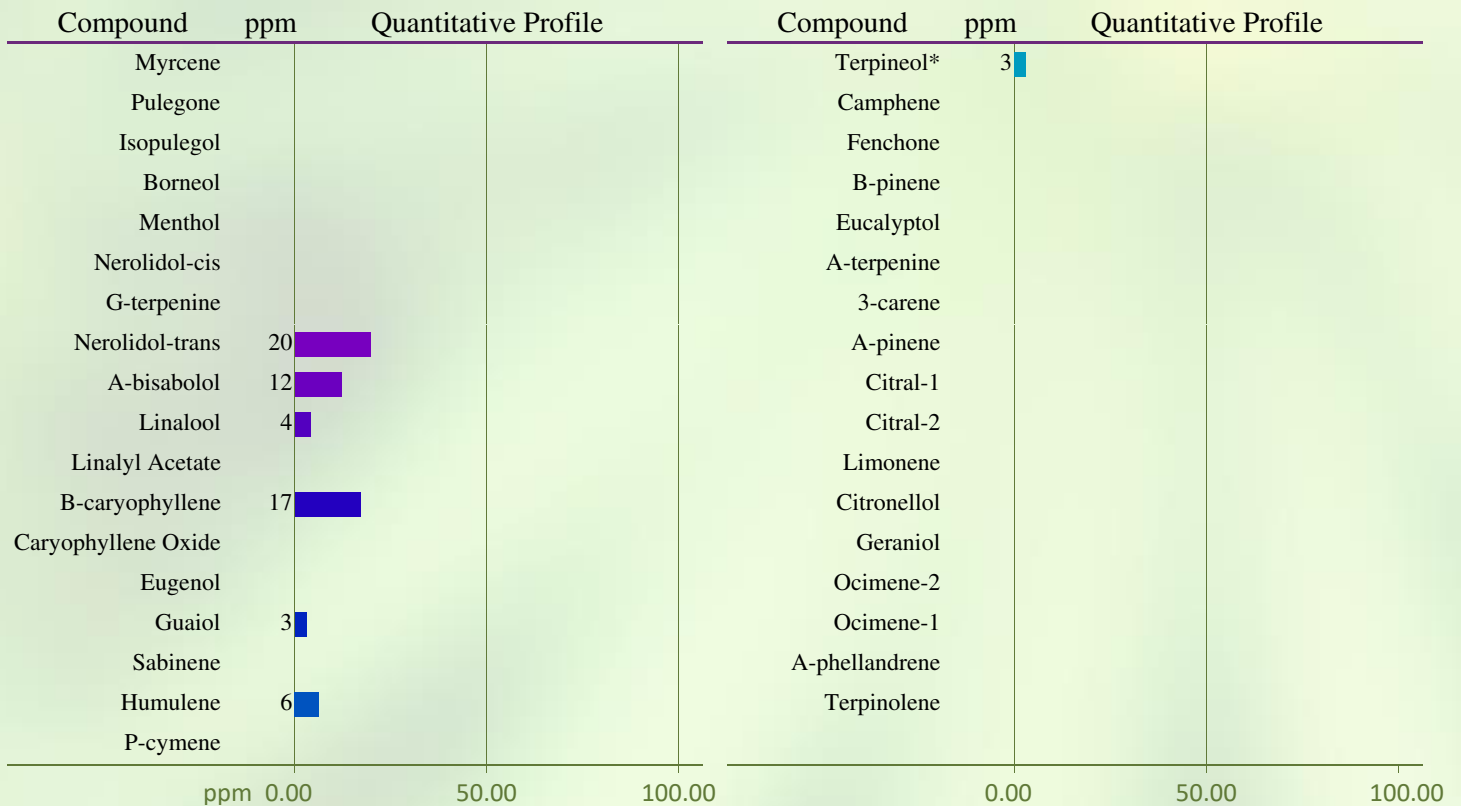
Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation:  $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$ .

**TP: Terpenes Profile [WI-10-08]**

Analyst: CJH

Test Date: 9/13/2017

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.

**21084-TP**

Total Terpene: &lt;0.1 wt%

\* Indicates qualitative calculation based on recorded peak areas.

**END OF REPORT**