

Certificate of Analysis:  
**THC Free Hemp Oil Liquid Emulsion**

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**Product Name**

THC Free Hemp Oil Liquid Emulsion

**Formulation**

500mg/30mL Peppermint

**Batch Number**

LE18482

**Manufacture Date**

August 1, 2018

**Expiration Date**

August 2019

**Product Ingredients**

Pressed hemp seed oil, hemp derived crystalline cannabidiol, natural flavor.

**Qualitative Analysis**

OBSERVATION	METHOD	SPECIFICATION	RESULT
Foreign Matter	Gross Visual/Microscopic	None	CONFORMS
Color	Gross Visual/Microscopic	Green	CONFORMS
Molds & Mildews	Gross Visual/Microscopic	None	CONFORMS
Smell	Olfactory	Peppermint	CONFORMS
Product Feel	Tactile	Oily, Viscous	CONFORMS

**Quantitative Analysis**

**Cannabinoid Analysis**

**RESULT: PASS**

IDENTIFICATION	METHOD	RESULT
<b>Cannabinoid</b>	<b>HPLC-DAD</b>	<b>%wt/wt</b>
Cannabidiolic Acid (CBDA)	HPLC-DAD	N/D
Cannabidiol (CBD)	HPLC-DAD	1.90%
Cannabidivarin (CBDV)	HPLC-DAD	<0.01%
Tetrahydrocannabinolic Acid (THCA)	HPLC-DAD	N/D
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9-THC)	HPLC-DAD	N/D
Cannabinol (CBN)	HPLC-DAD	N/D
Cannabichromene (CBC)	HPLC-DAD	N/D

*\*\*Denotes third party analysis. Source data available upon request.*

*N/A NOT APPLICABLE TO PRODUCT TYPE*

*N/D NOT DETECTED*



*Christopher E Stubbs, CSO*