



## Material Tested

Full-Spectrum Hemp Oil (Peppermint) - 600mg

For: Vital Plan, Inc.

Lot #: 201029F

Purpose: Determination of Cannabinoids Content by HPLC

Sample ID: 20363NXA, Plate #: 147531

## What We've Tested

We tested this sample by High Performance Liquid Chromatography. HPLC is a technique for separating, identifying, and quantifying compounds that are present in a sample.



## Conclusion



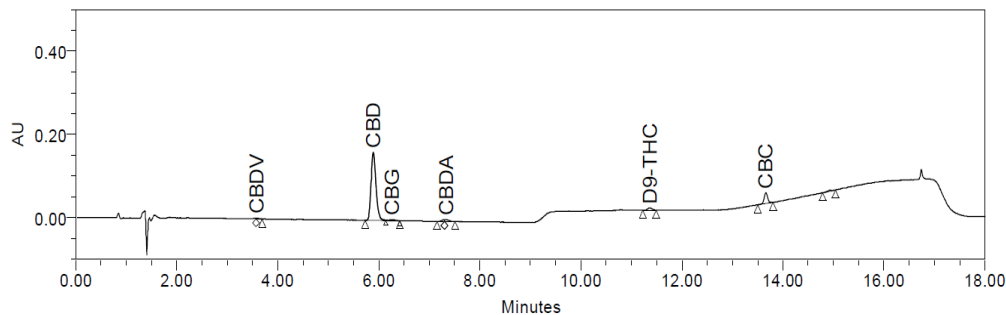
This "Full-Spectrum Hemp Oil (Peppermint) - 600mg" test sample contains an average of 20 mg/mL CBD and less than 0.3% THC on the as is basis.

The HPLC method used was developed and validated by Alkemist Labs and/or is a Scientifically Valid method.



## Test Details

### High Performance Liquid Chromatography (HPLC)



We tested this sample against reference standards of known purity to determine its content in the Test Sample.

We tested the sample to make sure that it meets quality specifications for strength.



Vital Plan

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Sample: 2101DEL0013.0044

Strain: Green Cherry  
Lot#: 201029F; Batch#: 201029F; Batch Size: - grams  
Sample Received: 01/11/2021; Report Created: 01/14/2021  
Testing Completed: 01/13/2021

Full Spectrum Hemp Oil (Peppermint) - 600mg

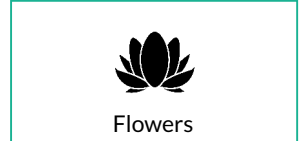
Ingestible, Tincture, CO2  
Lab Internal ID:



Terpenes

Analyte	LOQ PPM	Mass PPM	Mass %
α-Pinene	54	ND	ND
Camphene	54	ND	ND
β-Myrcene	57	ND	ND
β-Pinene	56	ND	ND
δ-3-Carene	56	ND	ND
α-Terpinene	58	ND	ND
trans-Ocimene	60	ND	ND
δ-Limonene	56	ND	ND
p-Cymene	57	ND	ND
cis-Ocimene	61	ND	ND
Eucalyptol	42	ND	ND
γ-Terpinene	59	ND	ND
Terpinolene	60	ND	ND
Linalool	73	ND	ND
Isopulegol	74	<LOQ	<LOQ
Menthol	16	18520	1.85
Geraniol	11	207	0.02
β-Caryophyllene	66	157	0.02
α-Humulene	64	91	0.01
cis-Nerolidol	125	232	0.02
trans-Nerolidol	127	267	0.03
Guaiol	140	ND	ND
α-Bisabolol	194	ND	ND

Primary Aromas



**1.97%**  
**19,696 PPM**  
Total Terpenes

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. ND = Not Detected; NT = Not Tested; NR = Not Reported

