



Cannabinoid Potency Analysis by High Performance Liquid Chromatography

Test Accreditation #: 77802

Sample ID #: 113189

Sample Details

Product: Alternate Vape - Vape Oil 15ml, 500mg, Citrus

Sample: 111618I

LOT: FG002091

Sampled Product: Infused Product

Method: FE04M HPLC1100-1

Molds/Pests: N/A

Test Conditions

Scale: XS205-MI2

Temp.: 20.5 °C

Baro Pressure: 984.8 hPa

Test Date: 11/20/2018



Simple Cannabinoid Profile Overview

Sample Size: 1 g

Total Product Size: 14.35 g

****Total Cannabinoids:** 519.47 mg (36.2 mg/g)

| Test Compounds | CBDV* | CBDA | CBD | CBC* | CBG* | CBN | THC | THCA | THCV* | | Calc. Max | CBD Decarb. % | THC Decarb. % |
|---------------------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|------------|--------------------------|---------------|---------------|
| Amount | N/D | N/D | 36.2 mg/g | N/D | N/D | N/D | N/D† | N/D | N/D | THC | 0.0 mg/g | 100% | N/A |
| LOQ | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | 0.2 mg/g | CBD | 36.2 mg/g | - | - |
| Amount per Serving~ | N/D | N/D | 36.2 mg/g | N/D | N/D | N/D | N/D | N/D | N/D | - | Serving Size~ (g) | 1.00 g | - |
| Uncertainty | ±5% RSD | ±5% RSD | ±5% RSD | ±5% RSD | ±5% RSD | ±5% RSD | ±5% RSD | ±5% RSD | ±5% RSD | - | - | - | - |

† This passes our quality control guidelines for non-psychoactive industrial hemp oil.

LOQ = Limit of Quantitation; %RSD = Relative Standard Deviation; N/D = Not Detected

‡ Uncertainty measurement is for the test procedure and the instrument used; and is calculated in accordance with the ISO "Guide of Uncertainty in Measurement" (GUM) Test Results and uncertainty are only representative of the sample submit to Iron Laboratories. Uncertainty does not account for any uncertainty in the sampling. The measurement of uncertainty is the expanded uncertainty and is an estimate of uncertainty calculated with normal distribution and a coverage factor of 2 (K=2) to approximate a 95% confidence level.

* Designates compounds that are not currently included in Iron Laboratories' accredited scope.

CBD Decarb. % refers to the percentage of CBD relative to CBDA.

Calc. Max is the calculated sum of CBD and the amount of CBD derived from CBDA. These values are calculated by applying a molar correction factor of 0.877 to the CBDA value.

All lab testing is performed by a third party facility at one of the labs listed below. The results are taken from a sample of this product. This Certificate of Analysis (COA) is for internal use only and shall not be replicated or shared without written approval from CBD Guru.

** Total Cannabinoids is the calculated total amount of cannabinoids in the finished product. This value is found by multiplying the test results from the sample by the total product size.



ISO/IEC 17025:2005 Accredited



[Handwritten Signature]

Management Signature