



Cannabinoid Potency Analysis by High Performance Liquid Chromatography

Test Accreditation #: 77802

Sample ID #: 116357-001

Test Date: 04/12/2019

Sample Details

Product: Hemp Oil Care Spray 2oz 1200mg Natural
Sample: 040819H
LOT: FG002439
Sampled Product: Infused Product
Method: FE04U HPLC1100-1
Molds/Pests: N/A

Test Conditions

Scale: XS205-MI2
Temp.: 23.2 °C
Baro Pressure: 970.4 hPa

Simple Cannabinoid Profile Overview

Total Product Size: 48g
****Total Cannabinoids:** 1,281.6mg



Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG*	CBC*	THCV*	CBDV*	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D [†]	N/D	2.7	N/D	N/D	N/D	N/D	N/D	N/D	2.7	0.0 [†]	2.7	2.7
Amount (mg/g)	N/D [†]	N/D	26.7	N/D	N/D	N/D	N/D	N/D	N/D	26.7	0.0 [†]	26.7	26.7
Amount per Serving (mg)	N/D [†]	N/D	26.7	N/D	N/D	N/D	N/D	N/D	N/D	26.7	Serving Size~ (g):		1.0
LOQ (mg/g)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		%Decarb.	THC	CBD
±%RPD	2.7	0.0	2.1	1.4	3.3	0.1	5.0	3.7	1.9			N/A	100%

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

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

*Designates values that are not currently included in the accredited scope of Iron Laboratories.

*** Designates tests that use the method FE-45.

Total THC and CBD is the calculated sum of THC or CBD and the amount of THC or CBD derived from THCA or CBDA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value. Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, CBG, CBC, THCV, and CBDV.

%Decarb. THC and CBD refers to the percentage of THC or CBD relative to THCA or CBDA, respectively.



ISO/IEC 17025:2005 Accredited



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Management Signature