



# Confidence Analytics

## Cannabis Analytics and Research Specialists

WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@conflabs.com

Certified For: Cannabinoids | Microbiologicals | Mycotoxins | Foreign Matter | Moisture | Terpenes | Residual Solvents | Pesticides

## Research and Development Certificate of Analysis

### Official Test Results for Laboratory Sample # 7041667

**Origination:** Shiva

**UBI #:** 603454928

**Inventory #:** DS-02101-FG

**Strain:** Hemp Tincture

**License #:**

**QA #:** 20200423ET002

**Type:** Oil Tincture

**Harvest Date:** Unknown

**Address:** 2700 4th Ave S #C3

**Date of Receipt:** 2020-04-23

**Approved By:** N. Mosely, CEO

Seattle, WA 98134

**Date of Testing:** 2020-04-24

S. Stevens, LDR



### Dosage Calculation

	Net Wt	THC	CBD
Unit:	29g	8.1mg/unit	360mg/unit

Calculated using the serving size provided by the manufacturer and listed above.

### Chemical Profile (units in mg/g)

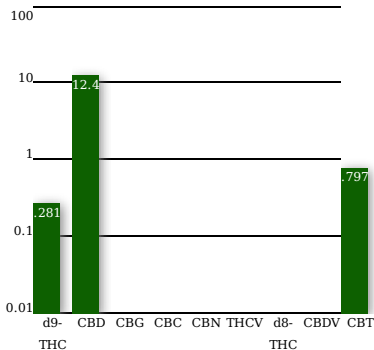
THC max 0.281 raw sum: 0.281		CBD max 12.4 raw sum: 12.4		
THCA	ND	d9-THC	0.281	
CBDA	ND	CBD	12.4	
CBGA	ND	CBG	ND	
CBC	ND	CBN	ND	
THCVA	ND	THCV	ND	
CBDVA	ND	CBDV	ND	
CBT	0.797	d8-THC	ND	Terp total:
Total Cannabinoids (raw sum): 13.5				

### Shelf Stability

**Loss-On-Drying** NE

**Water Activity:** NE

### Cannabinoid Profile (units in mg/g)



These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Confidence Analytics and its agents did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The sample, as received, was homogenized before subsamples were drawn for specific analyses. This report is supplemental to any other reports with the same analytic sample number. Pass/Fail criteria are defined in WAC 314-55-102.

THCmax (a.k.a. Total THC) = d9-THC + (THC-A \* 0.877)

CBDmax (a.k.a. Total CBD) = CBD + (CBD-A \* 0.877)

Total Cannabinoid is a raw sum of all measured cannabinoids

In Traceability, Total Cannabinoid is a sum of THCmax and CBDmax

Figures may differ slightly from traceability due to rounding

ND = Not Detected

NE = Not

Examined

Unk = Unknown

Analytical Methods Used

Cannabinoids: HPLC-UV

Microbial: Plate Counting

Terpenes: HS-GC-FID

Solvents: HS-GC-MS

Trace Residue: UHPLC-

MSMS

Water Activity:

HYGROMER®

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## Quantitative Impurities Report

Concentrations of analytes used to determine pass/fail status of individual tests.

\* Greater than lower limit of detection (>LLOD) and less than lower limit of quantification (<LLOQ). Applies to instances when the analyte has been detected and positively identified, but the concentration is lower than we can accurately quantify. Literally: signal to noise ratio greater than 3 and signal less than calibration. LLOD is ~0.001 ppm for most analytes, LLOQ is ~0.01 for most analytes. Number shown is lower end of calibration (LLOQ).

\*\* Greater than upper limit of quantification (>ULOQ). Applies to instances when the analyte concentration in the sample is greater than we can accurately measure without additional testing. Number shown is upper end of calibration (ULOQ).

## Findings

ALKANES NOT EXAMINED

SOLVENT IMPURITIES NOT EXAMINED

ALCOHOLS NOT EXAMINED

MYCOTOXINS NOT EXAMINED

MICROBIOLOGICALS NOT EXAMINED

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$THC_{max}$  (a.k.a. Total THC) =  $d9-THC + (THC-A * 0.877)$

$CBD_{max}$  (a.k.a. Total CBD) =  $CBD + (CBD-A * 0.877)$

Total Cannabinoid is a raw sum of all measured cannabinoids

In Traceability, Total Cannabinoid is a sum of  $THC_{max}$  and  $CBD_{max}$

Figures may differ slightly from traceability due to rounding

ND = Not Detected

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Examined

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Analytical Methods Used

Cannabinoids: HPLC-UV

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