



# Confidence Analytics

**Cannabis Analytics and Research Specialists**  
WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@confabls.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 # 7111731

**Origination:** Empire Hemp Co LLC      **UBI #:**      **Inventory #:** B91  
**Strain:** Waterman Lemon Balm Salve 800mg      **License #:**      **QA #:** 20201122LW005  
**Type:** Topical      **Harvest Date:** Unknown  
**Address:** 34 Swan St, Ste 4      **Date of Receipt:** 2020-11-22      **Approved By:** N. Mosely, CEO  
Batavia, NY 14020      **Date of Testing:** 2020-11-24      W. Stevens, LDR



### Dosage Calculation

	Net Wt	THC	CBD
Unit:	Unknown	ND	ND

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

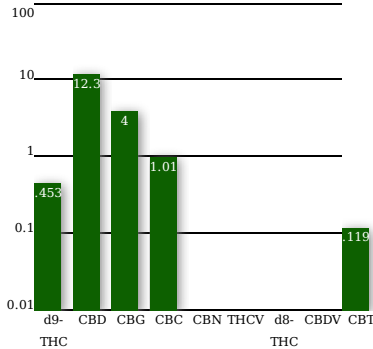
### Chemical Profile (units in mg/g)

<b>THC max</b> 0.453 raw sum: 0.453	<b>CBD max</b> 12.3 raw sum: 12.4	
<b>THCA</b> ND	<b>d9-THC</b> 0.453	
<b>CBDA</b> 0.764	<b>CBD</b> 11.7	
<b>CBGA</b> ND	<b>CBG</b> 4	
<b>CBC</b> 1.01	<b>CBN</b> ND	
<b>THCVA</b> ND	<b>THCV</b> ND	
<b>CBDVA</b> ND	<b>CBDV</b> ND	
<b>CBT</b> 0.119	<b>d8-THC</b> ND	<b>Terp total:</b>
<b>Total Cannabinoids (raw sum): 18</b>		

### 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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