



Confidence Analytics

Cannabis Analytics and Research Specialists
 WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@confiabls.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 # 7111729

Origination: Empire Hemp Co LLC **UBI #:** **Inventory #:** B88
Strain: Waterman CBD Oil 1800mg **License #:** **QA #:** 20201122LW002
Type: Oil Tincture **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 S. Stevens, LDR



Dosage Calculation

	Net Wt	THC	CBD
Unit:	Unknown	ND	ND

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

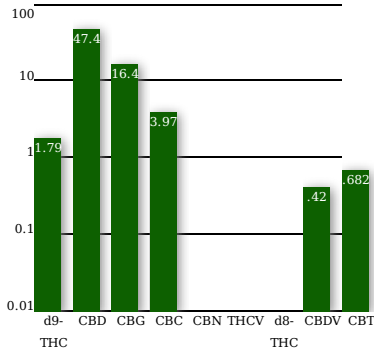
Chemical Profile (units in mg/g)

THC max		CBD max		
1.79		47.4		
raw sum: 1.79		raw sum: 47.7		
THCA	ND	d9-THC	1.79	
CBDA	2.24	CBD	45.5	
CBGA	0.309	CBG	16.1	
CBC	3.97	CBN	ND	
THCVA	ND	THCV	ND	
CBDVA	ND	CBDV	0.421	
CBT	0.682	d8-THC	ND	Terp total:
Total Cannabinoids (raw sum): 71				

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®
Page 1 of 2





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 # 7111729

Origination: Empire Hemp Co LLC **UBI #:** **Inventory #:** B88
Strain: Waterman CBD Oil 1800mg **License #:** **QA #:** 20201122LW002
Type: Oil Tincture **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 S. Stevens, LDR



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

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.

*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®
Page 2 of 2*

