



Confidence Analytics

Cannabis Analytics and Research Specialists
 WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@confabs.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 # 6121802

Origination: Empire Hemp Co LLC **UBI #:** **Inventory #:** A-23
Strain: The Balm **License #:** **QA #:** 20191221MLV0001
Type: Topical **Harvest Date:** Unknown **Result #:** Unlisted
Address: 34 Swan St, Ste 4 **Date of Receipt:** 2019-12-21 **Approved By:** N. Mosely, CEO
 Batavia, NY 14020 **Date of Testing:** 2019-12-23 S. Stevens, LDR



Dosage Calculation

	Net Wt	THC	CBD
Unit:	Unknown	Unk	Unk

These values calculated by the manufacturer.

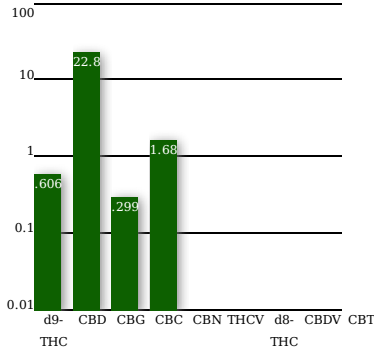
Chemical Profile (units in mg/g)

THC max 0.606 raw sum: 0.606		CBD max 22.8 raw sum: 23.2		
THCA	ND	d9-THC	0.606	
CBDA	2.86	CBD	20.3	
CBGA	0.0657	CBG	0.241	
CBC	1.68	CBN	ND	
THCVA	ND	THCV	ND	
d8-THC	ND	CBDV	ND	
CBT	ND			Terp total:
Total Cannabinoids (raw sum): 25.8				

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.

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
 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 # 6121802

Origination: Empire Hemp Co LLC

UBI #:

Inventory #: A-23

Strain: The Balm

License #:

QA #: 20191221MLV0001

Type: Topical

Harvest Date: Unknown

Result #: Unlisted

Address: 34 Swan St, Ste 4 **Date of Receipt:** 2019-12-21

Approved By: N. Mosely, CEO

Batavia, NY 14020 **Date of Testing:** 2019-12-23

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

