

Certificate of Analysis



Lion's Gold Topical Pain Stick 1000mg

Client: CBD Express
 Address: 1206 State Ave Suite H
 Marysville, WA 98258
 License: P9085

Lab ID: P200916-4 001
 Date Received: 9/16/2020
 Analysis Completed: 9/18/2020
 Global Lab Result ID:

Original Global ID: n/a
 Lab Global ID: n/a
 Sample Type: Topical

Cannabinoid Concentration Analysis

	Percent	mg/g	ng/62.369g	Percent	mg/g	mg/62.369g
CBC	0.01	0.10	6.45	Total THC ¹	0.03	0.31
CBCA	<0.01	<0.01	<0.01	Total CBD ²	1.49	14.89
CBD	1.48	14.80	922.96	Total Cannabinoids ³	1.57	15.71
CBDa	0.01	0.10	6.36			
CBDV	0.01	0.08	4.81			
CBDVA	0.01	0.09	5.79			
CBG	0.00	0.04	2.80			
CBGA	<0.01	<0.01	<0.01			
CBL	<0.01	<0.01	<0.01			
CBN	0.00	0.02	1.21			
CBNA	0.01	0.06	3.77			
CBT	<0.01	<0.01	<0.01			
THCA	0.01	0.09	5.34			
THCV	0.01	0.06	4.05			
THCVA	<0.01	<0.01	<0.01			
Δ-8 THC	0.00	0.02	1.15			
Δ-9 THC	0.02	0.24	14.83			

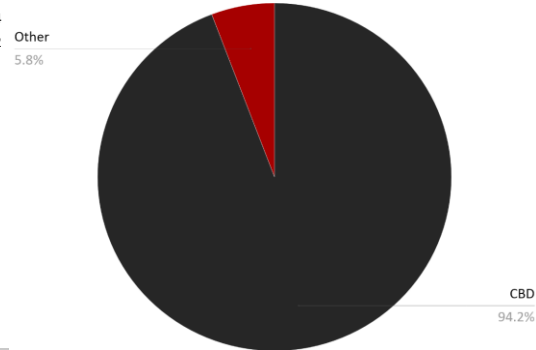
Method: HPLC

Notes: ¹ Total THC = THCA x 0.877 + Δ9 THC.

² Total CBD = CBDA x 0.877 + CBD.

³ Sum of all cannabinoids without a conversion factor applied to THCA or CBDA.

Relative Cannabinoid Concentration



Foreign Matter Screening

	Result (%)	WSLCB Limit	Pass/Fail
Stems	n/a	< 5	n/a
Seeds	n/a	< 2	n/a
Other	n/a	< 2	n/a

Method: Visual / Microscopy

Water Activity Analysis

	Result (aW)	WSLCB Limit	Pass/Fail
Water Activity	n/a	< 0.65	n/a

Method: Hygrometer

Moisture Content Analysis

	Result (%)	WSLCB Limit	Pass/Fail
Moisture Content	n/a	< 15	n/a

Method: Gravimetric

Terpene Concentration Analysis

	Result (%)		Result (%)
Alpha-Bisabolol	n/a	D-Limonene	n/a
Alpha-Humulene	n/a	Fenchone	n/a
Alpha-Pinene	n/a	Gamma-Terpinene	n/a
Alpha-Terpinene	n/a	Geraniol	n/a
Alpha-Terpineol	n/a	Guaiol	n/a
Beta-Caryophyllene	n/a	Isopulegol	n/a
Beta-Myrcene	n/a	Linalool	n/a
Beta-Pinene	n/a	Nerolidol	n/a
Borneol	n/a	Ocimene	n/a
Camphene	n/a	P-Cymene	n/a
Citral	n/a	Pulegone	n/a
Citronellol	n/a	Terpinolene	n/a
Delta-3-Carene	n/a	2-Piperidinone	n/a
Dihydrocarveol	n/a	Total Terpenes:	n/a

Method: GC-FID

Microbiological Screening

	Result (CFU/g)	WSLCB Limit	Pass/Fail
Enterobacteriaceae	n/a	< 10,000	n/a
E. coli	n/a	*	n/a
Salmonella	n/a	*	n/a

Method: FDA BAM

Notes: * Not detected in 1 gram.

Mycotoxin Screening

	Result (ppb)	WSLCB Limit	Pass/Fail
Aflatoxin	n/a	< 20	n/a
Ochratoxin	n/a	< 20	n/a

Method: ELISA

Residual Solvent Screening

	Result (ppm)	WSLCB Limit	Pass/Fail
Acetone	n/a	5,000	n/a
Benzene	n/a	2	n/a
Butanes	n/a	5,000	n/a
Chloroform	n/a	2	n/a
Cyclohexane	n/a	3,880	n/a
Dichloromethane	n/a	600	n/a
Ethanol	n/a	n/a	n/a
Ethyl Acetate	n/a	5,000	n/a
Heptanes	n/a	5,000	n/a
Hexanes	n/a	290	n/a
Isopropanol	n/a	5,000	n/a
Methanol	n/a	3,000	n/a
Pentanes	n/a	5,000	n/a
Propane	n/a	5,000	n/a
Toluene	n/a	890	n/a
Total Xylene	n/a	2,170	n/a

Method: GC-FID HS-FET

This report was reviewed by:

Megan Stang, Project Manager on September 18th, 2020

This report was approved by:

Elizabeth Doar, Laboratory Administrator on September 18th, 2020



Not all testing listed above is included in our A2LA Scope of Accreditation. Please consult A2LA Certificate #4803.01 for a list of accredited tests.

The abbreviations nd, n/a, e.v., and trnc stand for not detected, not applicable, estimated value, and too numerous to count respectively.

Testing results are certified by scientific examination of a single sample, as identified by the Sample ID, provided by the Producer/Processor. The sample, as received, was homogenized before subsamples were drawn for specific analysis. Praxis Laboratory and its staff 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 results pertain only to the sample tested and no other sample.