

Cannabinoid Potency Analysis by High Performance Liquid Chromatography

Test Accreditation #: 4092-002

Sample ID #: 118375

Sample Details

Product: Abinoid Botanicals Moisturizer
250mg
Sample: 071819B
LOT: FG002798
Sampled Product: Concentrate
Method: FE04U
Molds/Pests: N/A

Test Conditions

Scale: XS205-OR1
Temp.: 20.2 °C
Baro Pressure: 44 hPa

Test Date: 07/24/2019

Simple Cannabinoid Profile Overview

Total Product Size: 88g
****Total Cannabinoids:** 425mg



Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG	CBC	THCV*	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D†	N/D	0.32	N/D	N/D	N/D	N/D	N/D	0.16	0.48	0.00†	0.32	0.48
Amount (mg/g)	N/D†	N/D	3.21	N/D	N/D	N/D	N/D	N/D	1.62	4.83	0.00†	3.21	4.83
Amount per Serving (mg)	N/D†	N/D	0.32	N/D	N/D	N/D	N/D	N/D	0.16	0.48	Serving Size~ (g):		0.10
LOQ (mg/g)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		%Decarb.	THC	CBD
±%RPD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			N/A	100%

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

*Designates values that are not currently included in the accredited scope of Iron Laboratories.

*** Designates tests that use the method FE-45.

Total THC and CBD is the calculated sum of THC or CBD and the amount of THC or CBD derived from THCA or CBDA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value. Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, CBG, CBC, THCV, and CBDV.

%Decarb. THC and CBD refers to the percentage of THC or CBD relative to THCA or CBDA, respectively.

This sample has not been tested according to OAR 333-007. These results should therefore be used for research and development or quality control purposes only.

† This passes our quality control guidelines for non-psychoactive industrial hemp oil.

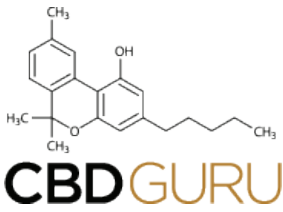
All lab testing is performed by a third party facility at one of the labs listed below. The results are taken from a sample of this product. This Certificate of Analysis (COA) is for internal use only and shall not be replicated or shared without written approval from CBD Guru.

** Total Cannabinoids in the simple cannabinoid profile overview is the calculated total amount of cannabinoids in the finished product. This value is found by multiplying the Total Cannabinoids (milligram per gram) in this test result by the total weight (grams) of the product.



[Handwritten Signature]

Management Signature



Cannabinoid Potency Analysis by High Performance Liquid Chromatography

Test Accreditation #: 4092-002

Sample ID #: 119641-001

Sample Details
Product: Abinoid Botanicals Face Serum
Sample: 101519D
LOT: SB0175
Sampled Product: Topical
Method: FE04U
Molds/Pests: N/A

Test Conditions
Scale: XS205-OR1
Temp.: 22.8 °C
Baro Pressure: 1003 hPa

Test Date: 10/22/2019



Simple Cannabinoid Profile Overview
Total Product Size: 29g
****Total Cannabinoids:** 122.09mg

Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG	CBC	THCV*	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D†	N/D	0.30	0.12	N/D	N/D	N/D	N/D	N/D	0.42	0.00†	0.41	0.41
Amount (mg/g)	N/D†	N/D	3.04	1.17	N/D	N/D	N/D	N/D	N/D	4.21	0.00†	4.07	4.07
Amount per Serving (mg)	N/D†	N/D	0.30	0.12	N/D	N/D	N/D	N/D	N/D	0.42	Serving Size~ (g):		0.10
LOQ (mg/g)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		%Decarb.	THC	CBD
±%RPD	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%			N/A	0

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

*Designates values that are not currently included in the accredited scope of Iron Laboratories.

*** Designates tests that use the method FE-45.

Total THC and CBD is the calculated sum of THC or CBD and the amount of THC or CBD derived from THCA or CBDA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value. Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, CBG, CBC, THCV, and CBDV.

%Decarb. THC and CBD refers to the percentage of THC or CBD relative to THCA or CBDA, respectively.

This sample has not been tested according to OAR 333-007. These results should therefore be used for research and development or quality control purposes only.

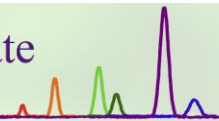
† This passes our quality control guidelines for non-psychoactive industrial hemp oil.

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** Total Cannabinoids in the simple cannabinoid profile overview is the calculated total amount of cannabinoids in the finished product. This value is found by multiplying the Total Cannabinoids (milligram per gram) in this test result by the total weight (grams) of the product.



Management Signature



Certificate ID: **61653**

Received: **8/12/19**

Scan QR Code for authenticity



Absolute Nature CBD

539 W. Commerce #786

Dallas, TX 75208

Attn: Dustin Jones

Client Sample ID: **Absolute Nature CBD -TS - 1oz/500mg**

Lot Number: **0119190C0**

Matrix: **Topicals - Salve**

Authorization: Elizabeth R. Wagoner, Lab Director	Signature: 	Date: 8/16/2019
------------------------------------------------------	--------------------------------------------------------------------------------------------------	--------------------



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.





CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: *JSG*

Test Date: *8/15/2019*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

61653-CN

ID	Weight %	Concentration (mg/g)	
D9-THC	0.12	1.19	
THCV	ND	ND	
CBD	1.75	17.50	
CBDV	0.01	0.10	
CBG	0.07	0.70	
CBC	0.09	0.93	
CBN	ND	ND	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	2.04	20.42	0% Cannabinoids (wt%) 1.7%
Max THC	0.12	1.19	
Max CBD	1.75	17.50	

Ratio of Total CBD to THC 14.7:1

Limit of Quantitation (LOQ) = 0.01 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

END OF REPORT

Sample Name: Salve - 600 MG
 LIMS Sample ID: 190605W015
 Batch #:
 Sample Metric ID:
 Sample Type: Infused, Topical
 Batch Count:
 Sample Count:
 Unit Mass: 57 Grams per Unit
 Serving Mass:
 Density:

Date Collected: 06/05/2019
 Date Received: 06/06/2019
 Tested for: CBD For The People
 License #:
 Address: 2500 Alton Pkwy Irvine, CA 92606
 Produced by:
 License #:
 Address:
 Overall result for batch:

Moisture Test Results

Moisture	% NT

Cannabinoid Test Results

06/07/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD mg/g	LOQ mg/g
THC	0.102	0.0102	0.0009	0.003
THCa	ND	ND	0.0009	0.003
CBD	12.349	1.2349	0.0009	0.003
CBDa	0.851	0.0851	0.0009	0.003
CBN	ND	ND	0.0009	0.003
CBDV	0.051	0.0051	0.0004	0.001
CBDVa	ND	ND	0.0003	0.001
CBG	ND	ND	0.001	0.003
CBGa	ND	ND	0.0008	0.002
THCV	ND	ND	0.0004	0.001
Δ8 - THC	ND	ND	0.0009	0.003
CBC	0.240	0.0240	0.0011	0.003
THCVa	ND	ND	0.0013	0.004
CBL	ND	ND	0.0021	0.006
CBCa	ND	ND	0.0015	0.005

Sum of Cannabinoids:	13.593	1.3593	774.801 mg/Unit	
Total THC (Δ9THC+0.877*THCa)	0.102	0.0102	5.814 mg/Unit	
Total CBD (CBD+0.877*CBDa)	13.095	1.3095	746.415 mg/Unit	

	Action Limit mg	
THC per Unit	1000.0	5.814 mg/Unit
THC per Serving		

Batch Photo



Water Activity Test Results

Water Activity	Aw NT	Action Limit Aw

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD mg/g	LOQ mg/g
☐ Bisabolol	NT			
☐ Pinene	NT			
3 Carene	NT			
Borneol	NT			
☐ Caryophyllene	NT			
Geraniol	NT			
☐ Humulene	NT			
Terpinolene	NT			
Valencene	NT			
Menthol	NT			
Nerolidol	NT			
Camphene	NT			
Eucalyptol	NT			
☐ Cedrene	NT			
Camphor	NT			
(-)-Isopulegol	NT			
Sabinene	NT			
☐ Terpinene	NT			
☐ Terpinene	NT			
Linalool	NT			
Limonene	NT			
Myrcene	NT			
Fenchol	NT			
☐ Phellandrene	NT			
Caryophyllene Oxide	NT			
Terpineol	NT			
☐ Pinene	NT			
R-(+)-Pulegone	NT			
Geranyl Acetate	NT			
Citronellol	NT			
p-Cymene	NT			
Ocimene	NT			
Guaiol	NT			
Phytol	NT			
Isoborneol	NT			

Total Terpene Concentration: NT

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable



Josh Wurzer, President
 Date: 06/07/2019
 CoA ID: 190605W015-001 - Page 1 of 3

Sample Name: Salve - 1200 Tea Tree

LIMS Sample ID: 190721M010

Batch #: 2019070111

Sample Metric ID:

Sample Type: Solid Topical, Topical

Batch Count:

Sample Count:

Unit Mass: 57 Grams per Unit

Serving Mass:

Density:

Date Collected: 07/21/2019

Date Received: 07/21/2019

Tested for: CBD For The People

License #:

Address: 2500 Alton Pkwy Irvine, CA 92606

Produced by:

License #:

Address:

Overall result for batch 2019070111: Pass

Moisture Test Results

	Results (%)
Moisture	NT

Cannabinoid Test Results

07/23/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD / LOQ mg/g
Δ9THC	0.248	0.0248	0.0009 / 0.003
THCa	ND	ND	0.0009 / 0.003
CBD	22.907	2.2907	0.0009 / 0.003
CBDa	1.570	0.1570	0.0009 / 0.003
CBN	ND	ND	0.0009 / 0.003
CBDV	0.110	0.0110	0.0004 / 0.001
CBDVa	ND	ND	0.0003 / 0.001
CBG	0.074	0.0074	0.001 / 0.003
CBGa	ND	ND	0.0008 / 0.002
THCV	ND	ND	0.0004 / 0.001
Δ8THC	ND	ND	0.0009 / 0.003
CBC	0.300	0.0300	0.0011 / 0.003
THCVa	ND	ND	0.0013 / 0.004
CBL	ND	ND	0.0021 / 0.006
CBCa	0.079	0.0079	0.0015 / 0.005

Sum of Cannabinoids:	25.288	2.5288	1441.416 mg/Unit
Total THC (Δ9THC+0.877*THCa)	0.248	0.0248	14.136 mg/Unit
Total CBD (CBD+0.877*CBDa)	24.284	2.4284	1384.188 mg/Unit

	Action Limit mg		14.136 mg/Unit
Δ9THC per Unit	1000.0	Pass	
Δ9THC per Serving			

Batch Photo



Water Activity Test Results

	Results (Aw)	Action Limit Aw
Water Activity	NT	

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD / LOQ mg/g
□ Bisabolol	NT		
□ Pinene	NT		
□ Carene	NT		
□ Borneol	NT		
□ Caryophyllene	NT		
□ Geraniol	NT		
□ Humulene	NT		
□ Terpinolene	NT		
□ Valencene	NT		
□ Menthol	NT		
□ Nerolidol	NT		
□ Camphene	NT		
□ Eucalyptol	NT		
□ Cedrene	NT		
□ Camphor	NT		
□ (-)-Isopulegol	NT		
□ Sabinene	NT		
□ Terpinene	NT		
□ Terpinene	NT		
□ Linalool	NT		
□ Limonene	NT		
□ Myrcene	NT		
□ Fenchol	NT		
□ Phellandrene	NT		
□ Caryophyllene Oxide	NT		
□ Terpineol	NT		
□ Pinene	NT		
□ R-(+)-Pulegone	NT		
□ Geranyl Acetate	NT		
□ Citronellol	NT		
□ p-Cymene	NT		
□ Ocimene	NT		
□ Guaiol	NT		
□ Phytol	NT		
□ Isoborneol	NT		

Total Terpene Concentration: NT

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable



Josh Wurzer, President

Date: 08/05/2019

CoA ID: 190721M010-001 - Page 1 of 3



Certificate of Analysis

Powered by Confident Cannabis
1 of 1

FINAL

Pura Gold

Sample: 2003C4L0055.2110

Strain: 300mg per 2 oz

AZ 85032
loren@pcrhempwholesale.com
(480) 343-1620
Lic. #

Lot#: ; Batch#: ; Batch Size: - grams
Sample Received: 03/10/2020; Report Created: 03/17/2020; Expires: 03/17/2021

300mg Menthol Balm / Salve
Topical, Salve, CO2



<LOQ
Total THC

6.610 mg/g
Total CBD

0 : **1**
THC : CBD

Cannabinoids

NR
Moisture

Pass
Foreign Matter

Analyte	LOQ mg/g	Mass mg/g	Mass %	Std. Dev.
THCa	0.100	ND	ND	
Δ9-THC	0.100	ND	ND	
CBD	0.100	6.610	0.6610	
CBDa	0.100	ND	ND	
CBC	0.100	ND	ND	
CBG	0.100	ND	ND	
CBN	0.100	ND	ND	
THCV	0.100	ND	ND	
Δ8-THC	0.100	ND	ND	
CBDV	0.100	ND	ND	
Total		6.610	0.6610	

1 Unit =

Notes: Chromatograms available upon request.

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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http://www.c4lab.com
Lic#

Dennis Wells
CSO/QAM



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References

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