



Clarity Labs, LLC
 3345 NW 74TH Avenue
 Miami, FL 33122
 Phone: 786.420.2409
 Email: info@Clarity-Labs.com
 Website: www.Clarity-Labs.com

CERTIFICATE of ANALYSIS

PRODUCT: USA Hempire 1500mg Mint Tincture
 DATE of MFG: 04/29/19
 EXP. DATE: 05/2021

LOT NUMBER: D29V01
 BATCH#: D29V01
 COMPLETED ON (DATE): 05/26/19

PHYSICAL & ANALYTICAL TESTING			
Test Item	Specifications (Acceptance Criteria)	Results	Method
Color	Clear to Yellowish	YELLOWISH	Visual
Odor	HEMP MINT	HEMP MINT	Olfactory
Specific Gravity (20°C)(g/mL)	0.9-1.1	0.94	USP<841>

MICROBIOLOGICAL TESTING			
Test Item	Specifications (Acceptance Criteria)	Results	Method
Total Aerobic Microbial Count:	≤ 1,000 CFU/g	PASS	USP<61>/Biolumix
Total Yeast and Mold Count:	≤ 100 CFU/g	PASS	USP<61>/Biolumix
<i>Escherichia coli</i>	Negative (in 10g)	PASS	USP<62>/Biolumix
<i>Salmonella spp</i>	Negative (in 10g)	PASS	USP<62>/Biolumix

ANALYTICAL TESTING			
Active ingredient	Specifications (Acceptance Criteria)	Results	Method
Hemp derived Cannabidiol (CBD) [Assay for Total Cannabinoid content (-5%/+10%)]	1425 – 1650 mg/bottle	1593.5 mg/ bottle	USP<791>

The information contained herein is, to the best of our knowledge, correct. The data outlined and statements made in this report are intended only as a source of information and for the exclusive use of the person, partnership or corporation to whom it is addressed. This report cannot be used in connection with advertisement or sales of the intended product without written authorization.

AGREED and ATTESTED TO:

Megan Alfonso Praem P.
 Name – Director/Manager of Quality

05/26/19
 Date

Client  **Website** 



Website  **Lab** 

Label: UHF0004-1500mg Hempire Oil

Client: | Clarity Labs, LLC
 Batch Number: | D29V01
 Internal Number: | BT-345-10957
 Container: | Bottle
 Type: | Tincture

Botanica Testing Inc.

747 SW 2nd Ave, Suite 306 IMB 12
 Gainesville, FL 32601
 317-361-5044
 Adam@botanicatesting.com
 Dan@botanicatesting.com
<https://botanicatesting.com/>




Results: **Bottle**
 CBD (mg) - 30ml
1593.5

Conclusion:

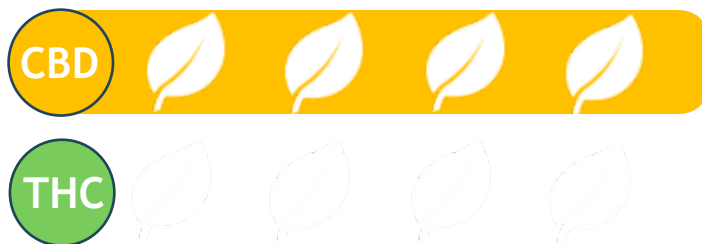
X 
 Adam Christensen
 Chief Executive Officer



X 
 Daniel Morgan Ph.D.
 Chief Scientific Officer

Total CBD
5.31%

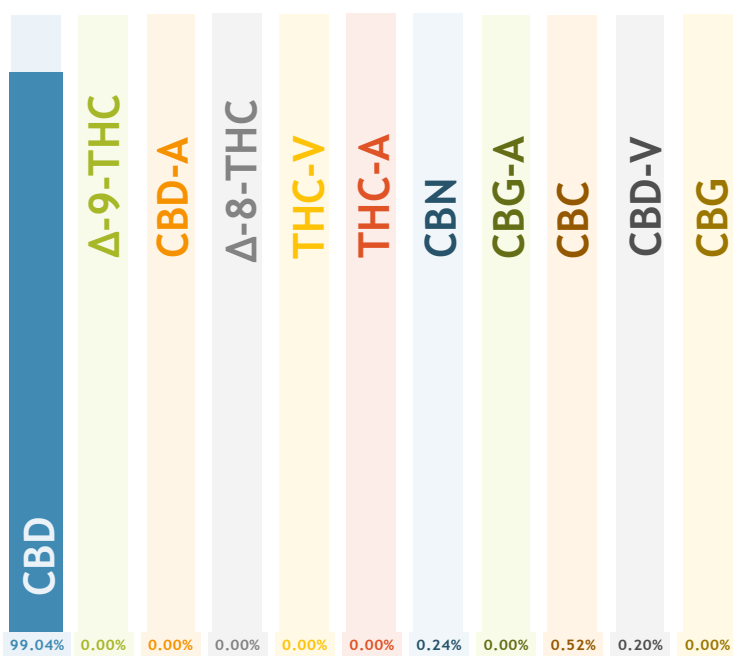
Total THC
0.00%



Cannabinoids By Weight:

Cannabinoids	mg/g	%
CBD	53.12	5.31%
Δ-9-THC	ND	ND
CBD-A	ND	ND
Δ-8-THC	ND	ND
THC-V	ND	ND
THC-A	ND	ND
CBN	0.13	0.01%
CBG-A	ND	ND
CBC	0.28	0.03%
CBD-V	0.11	0.01%
CBG	ND	ND
Total mg/g	53.63	

Percentage of Total Cannabinoids



Client  **Website** 



Website  **Lab** 

Sample: UHF0004-1500mg Hempire Oil

Aroma Profile


Client: | Clarity Labs, LLC
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Classification: | Bottle
Type: | Tincture





Conclusion:


Adam Christensen *Daniel Morgan*
 Adam Christensen Daniel Morgan Ph.D.
 Chief Executive Officer Chief Scientific Officer


Percent Identified: 0.00%	
Top Terpenes	%
Myrcene	ND
beta-Caryophyllene	ND
Limonene	ND
alpha-Pinene	ND
Terpinolene	ND
	ND
	ND
	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND

ND  ND

ND  ND

ND  ND

ND  ND

ND  ND

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X *Adam Christensen*

X *Daniel Morgan*

Adam Christensen
 Chief Executive Officer

Daniel Morgan Ph.D.
 Chief Scientific Officer

Pesticides

NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
NT	NT	NT	NT
	PPB	PPB	

Microbials

Yeast	ND CFU/g
Mold	ND CFU/g
E.coli	ND CFU/g
Coliform	ND CFU/g
Aerobic Bacteria	ND CFU/g
Enterobacteria	ND CFU/g
	CFU/g

Residual Solvents

Isopentane	NT	NT	Acetonitrile
Propane	NT	NT	Tetrahydrofuran
Acetone	NT	NT	Toluene
Isobutane	NT	NT	Choloroform
Ethanol	NT	NT	C-Terracholoride
n-Heptane	NT	NT	Benzene
n-Hexane	NT	NT	M-xylene
n-Butane	NT	NT	P-xylene
n-Pentane	NT	NT	O-xylene
2-Propanol	NT	NT	
	PPM	PPM	

Heavy Metals

82 Pb Lead 207.2	NT PPM	48 Cd Cadmium 112.414	NT PPM
80 Hg Mercury 200.592	NT PPM	33 As Arsenic 74.922	NT PPM

