

# CERTIFICATE OF ANALYSIS



Order #: 35434  
 Order Name: Original Hemp  
 Fresh Berry  
 Batch#: 44671  
 Received: 08/27/2019  
 Completed: 08/30/2019

Arise Bioscience  
 4855 Technology Way, Suite 500  
 Boca Raton FL, 33431  
 (866) 407-1164



## Sample



0.085%  
D9-THC

3.222%  
Total CBD

1,008.9 mg  
Cannabinoids per  
tincture

913.3 mg  
CBD per  
tincture

1 tincture = 30 ml per tincture x density  
 (0.945) x Cannabinoid concentration

## Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

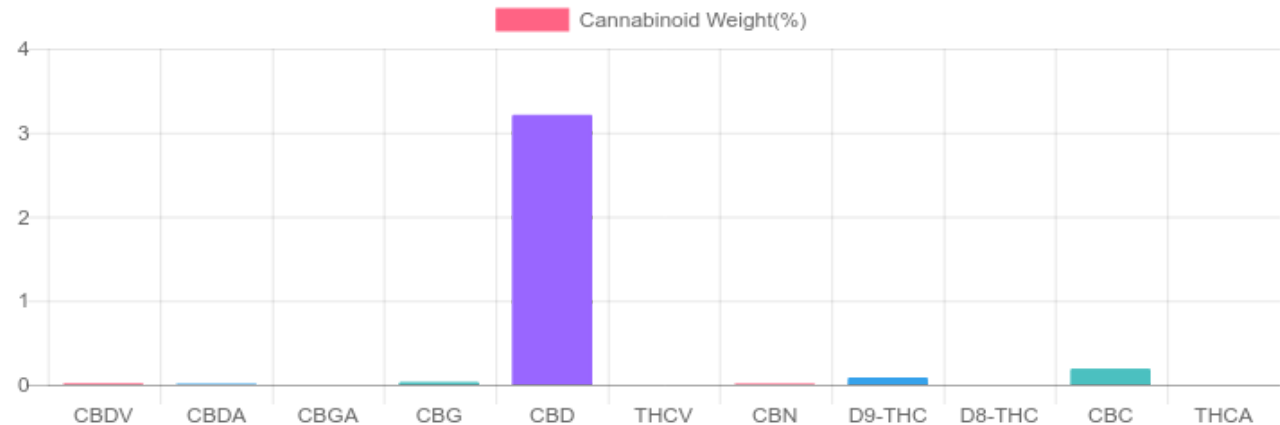
GSL SOP 400

PREPARED: 08/28/2019 16:48:22

UPLOADED: 08/29/2019 15:53:47

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	0.085%	0.848	24.0
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	3.212%	32.123	910.7
CBDA	20 PPM	0.011%	0.105	3.0
CBDV	20 PPM	0.016%	0.158	4.5
CBC	10 PPM	0.190%	1.896	53.8
CBN	10 PPM	0.013%	0.129	3.7
CBG	10 PPM	0.033%	0.325	9.2
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D

TOTAL D9-THC		0.085%	0.848	24.0
TOTAL CBD*		3.222%	32.215	913.3
TOTAL CANNABINOIDS		3.560%	35.584	1,008.9



Reporting Limit 10 ppm

\*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification



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Dr. Andrew Hall, Ph.D., CSO & Lab Director

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