

CERTIFICATE OF ANALYSIS



Order #: 36388
 Order Name: Original Hemp
 1000 Mg Fresh Berry
 Batch#: 45127
 Received: 09/13/2019
 Completed: 09/21/2019

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



Sample



0.079%
D9-THC

3.136%
Total CBD

990.7 mg
Cannabinoids per tincture

889.0 mg
CBD per tincture

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

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

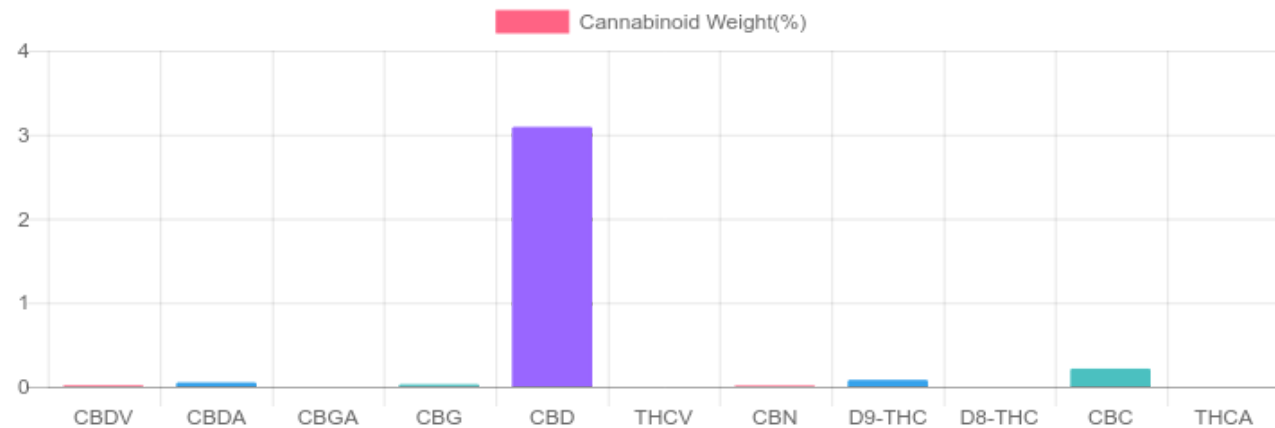
GSL SOP 400

PREPARED: 09/16/2019 20:32:17

UPLOADED: 09/17/2019 14:15:10

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	0.079%	0.787	22.3
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	3.091%	30.907	876.2
CBDA	20 PPM	0.051%	0.514	14.6
CBDV	20 PPM	0.016%	0.165	4.7
CBC	10 PPM	0.215%	2.149	60.9
CBN	10 PPM	0.013%	0.131	3.7
CBG	10 PPM	0.029%	0.292	8.3
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	0.079%	0.787	22.3
TOTAL CBD*	3.136%	31.358	889.0
TOTAL CANNABINOIDS	3.494%	34.945	990.7



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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