

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 50952
 Order Name: Tree of Life
 Botanicals Hemp Oil 1700
 (1200 mg CBD) Orange
 Batch#: 122003TOL120
 Received: 03/13/2020
 Completed: 03/16/2020



Sample



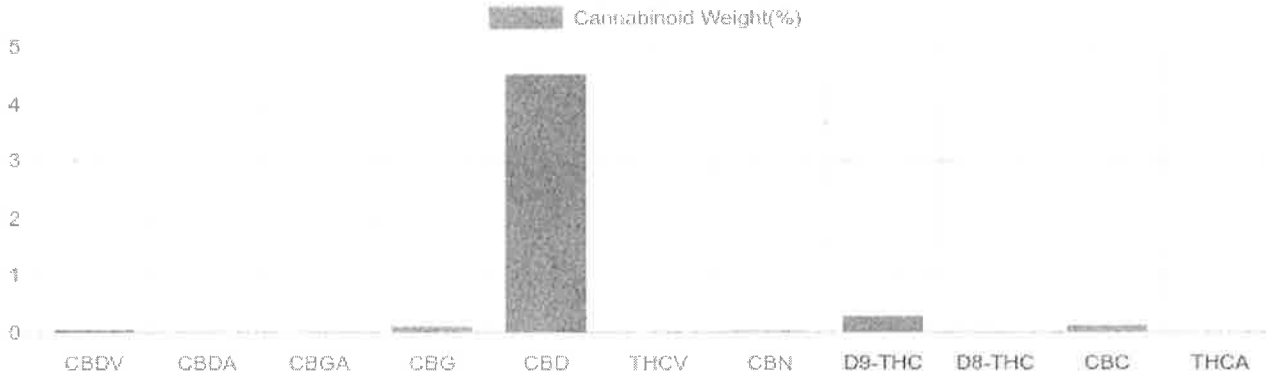
0.275% D9-THC	4.514% Total CBD
1,430.3 mg Cannabinoids per bottle	1,279.8 mg CBD per bottle

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

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 PREPARED: 03/13/2020 12:58:28

Cannabinoids	LOQ	weight(%)	mg/g	mg/bottle
D9-THC	10 PPM	0.275%	2.747	77.9
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	4.514%	45.142	1,279.8
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.031%	0.307	8.7
CBC	10 PPM	0.116%	1.164	33.0
CBN	10 PPM	0.018%	0.185	5.2
CBG	10 PPM	0.091%	0.907	25.7
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		0.275%	0.275%	77.9
TOTAL CBD*		4.514%	45.142	1,279.8
TOTAL CANNABINOIDS		5.045%	50.452	1,430.3



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs
 info@greenscientificlabs.com
 1-833 TEST CBD



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