

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 47768
Order Name: Tree of Life
 Botanicals Hemp Cooling Balm
 100 (50mg CBD)
Batch#: 282001E50C
Received: 01/31/2020
Completed: 02/03/2020



Sample



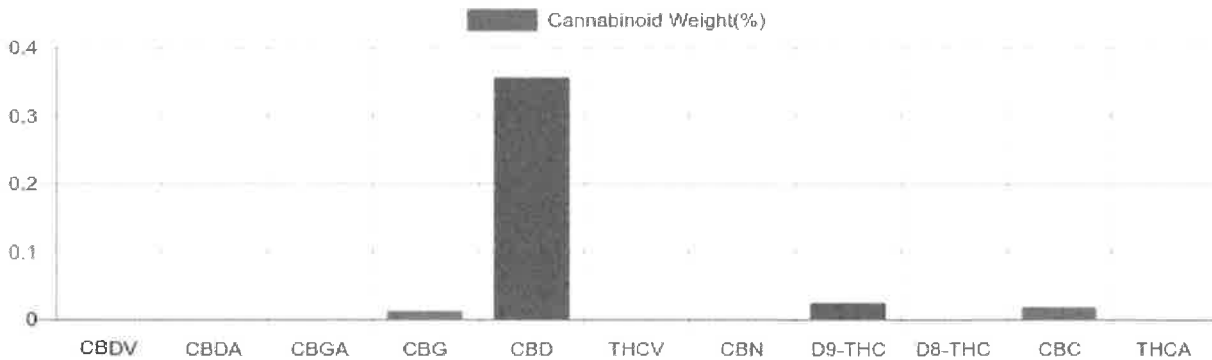
0.024% D9-THC	0.356% Total CBD
123.0 mg Cannabinoids per jar	106.7 mg CBD per jar

1 jar = 30 ml per jar x density (1) x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 **PREPARED:** 01/31/2020 17:18:21 **UPLOADED:** 02/03/2020 15:06:20

Cannabinoids	LOQ	weight(%)	mg/g	mg/jar
D9-THC	10 PPM	0.024%	0.237	7.1
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	0.356%	3.558	106.7
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	0.018%	0.183	5.5
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.012%	0.123	3.7
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		0.024%	0.024%	7.1
TOTAL CBD*		0.356%	3.558	106.7
TOTAL CANNABINOIDS		0.410%	4.101	123.0



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

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 1-833 TEST CBD



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