



Certificate of Analysis

Report # 163

TX License Number: 0005
 Batch: Safflower- Plain (3:1)
 (I-00163)
 BioTrack ID: 2547 7499 6658 1426

COA Date: 04/30/2020
 Product: Oral Tincture (oil based)
 Visual Inspection: PASSED

Potency	Results (%wt)
CBDA	0.00
CBD	1.71
THCA	0.00
THC	0.47
CBN	0.01
Total CBD*	1.71
Total THC**	0.47
Total Cannabinoids	2.19

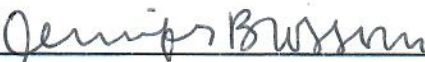
*CBD + (0.877 x CBDA)
 **THC+ (0.877 x THCA)

Microbial Screening	Results (CFU/g)*	Limits (CFU/g)
QA Microbial Screening	PASS	
- Yeast/Mold	ND	10,000
- Total Coliforms	ND	1,000
- Salmonella	ND	ND
- E. Coli	ND	ND

*CFU/g Colony Forming Units per gram

Heavy Metal Screening	Results	Limits†
Heavy Metals	PASS	
- Arsenic	<0.008ppm	<10 ppm
- Cadmium	<0.008ppm	<4.1 ppm
- Lead	<0.008ppm	<6 ppm
- Mercury	<0.008ppm	<2 ppm

† Basis on a 1 g daily dose


 Jennifer Blossom, Director of QA/QC


 Dalton Edwards, Safety and Compliance Manager

Residual Solvent Screening	Results (ppm)	Limits† (ppm)
Solvent Testing	PASS	
Class 1 Solvents	ND	ND
Class 2 Solvents		Varies
- Acetonitrile	ND	410
- Hexane	ND	290
- Methanol	ND	3000
- Toluene	ND	890
- Xylenes	ND	2170
Class 3 Solvents		< 0.5%
- Acetone	ND	
- Butane	ND	
- Ethanol	ND	< 0.5%
- Heptane	ND	
- Pentane	ND	
- Propanol	ND	

ND = Not Detected

† Basis is 1/10 of permissible daily exposure limits per gram. In ppm otherwise noted.

Pesticide Screening	Results	Limits
Pesticide Panel Testing	PASS	
Detected Pesticides†	ND	

†Any pesticides detected that are screened are noted here.

05.01.2020
 Date

05.01.2020
 Date