



# Certificate of Analysis



Report # 019

TX MME: Compassionate Cultivation  
 TX MME ID: 0005  
 Batch: MCT Peppermint (I-00019)  
 Lot: N/A

Third Party: Xabis  
 Product: Oral Tincture (oil based)  
 Collection Date: 05/12/2018 4:00 PM  
 Received Date: 05/12/2018 4:30 PM

Visual Inspection: **PASSED**  
 ND = Not Detected

Potency	Results (%wt)
CBDA	0.00
<b>CBD</b>	<b>10.41</b>
THCA	0.00
<b>THC</b>	<b>0.44</b>
CBN	0.00
<b>Total CBD*</b>	<b>10.41</b>
<b>Total THC**</b>	<b>0.44</b>
Total Cannabinoids	10.85

\*CBD + (0.877 x CBDA)

\*\*THC + (0.877 x THCA)

Microbial Screening	Results (CFU/g)*	Limits (CFU/g)
QA Microbial Screening	<b>PASS</b>	
- 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	<b>PASS</b>	
- Arsenic	0.107 ppm	<10 ppm
- Cadmium	0.068 ppm	<4.1 ppm
- Lead	0.048 ppm	<6 ppm
- Mercury	1.127 ppm	<2 ppm

† Basis on a 1 g daily dose

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

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

Pesticide Screening	Results	Limits
Pesticide Panel Testing	<b>PASS</b>	
<b>Detected Pesticides†</b>	<b>ND</b>	

† Any pesticides detected that are screened are noted here.

Signature: \_\_\_\_\_  
 Jason Hamilton, PhD

Date: \_\_\_\_05/18/2018\_\_\_\_

\*The signature indicates the above material has been reviewed and certified