

Dr. Michael Kayser, D.O.  
Laboratory Director  
OBNDD NO. 62721



True Fit Medical Laboratories, LLC  
6312 E 101st St  
Tulsa, OK 74137-7007

### Certificate of Analysis

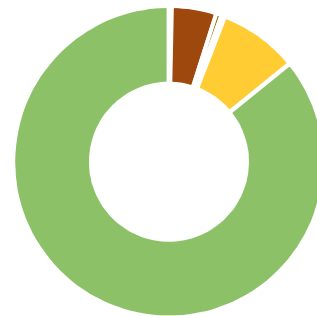
Sample:	Marijuana	Customer Name:	Red Dirt, LLC
Sample Type:	Flower	OBNDD:	58923
Sample Name:	Insane in the Membrane	Date Received:	10/21/2019
Sample ID:	MM2404	Date Resulted:	10/25/2019
Batch:	IM101204	Resulted By:	SG
Method:	LC-MS/MS	Comment:	N/A



### Cannabinoid Panel

Cannabinoid	Percent	mg/g
CBN	0.000	0.000
CBDV	0.000	0.000
CBDa	0.037	0.368
CBGa	0.608	6.080
CBG	0.074	0.742
CBD	0.027	0.274
CBC	0.019	0.188
$\Delta 8/\Delta 9$ -THC	1.082	10.820
THCA-A	11.220	112.200
THCV	0.000	0.000
Total	13.067	130.672

Cannabinoids %



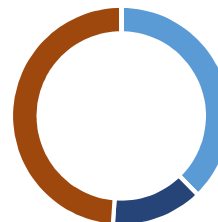
**TOTAL THC 10.922**  
**TOTAL CBD 0.060**

+/-10% Measurement of uncertainty for LC-MS/MS method  
Total THC = (THCa X 0.877) + 9-THC  
Total CBD = (CBDa X 0.877) + CBD  
Percentage results are reported by mass. mg/g results are reported as mass component per mass material.

■ CBN    ■ CBDV    ■ CBDa    ■ CBGa  
■ CBG    ■ CBD    ■ CBC    ■ D8/D9-THC  
■ THCA-A    ■ THCV

### Terpene Profile

Terpene	mg/g	Description
Linalool	0.000	Floral, spicy
$\alpha$ -Pinene	0.000	Pine, woody, earthy
$\beta$ -Pinene	0.000	Pine, woody, earthy
$\beta$ -Myrcene	0.000	Earthy, musky
$\alpha$ -Humulene	1.242	Woody, earthy
Limonene	0.000	Citrus
$\alpha$ -Bisabolol	0.444	Floral, sweet
Ocimene	1.604	Sweet, woody
Terpinolene	0.000	Pine, floral, herbal



Terpenes

■ Linalool  
■  $\alpha$ -Pinene  
■  $\beta$ -Pinene  
■  $\beta$ -Myrcene  
■  $\alpha$ -Humulene  
■ Limonene  
■  $\alpha$ -Bisabolol  
■ Ocimene  
■ Terpinolene

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This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. The statements and results have not been approved and/or endorsed by the FDA.

Reviewed and approved by:  
Samantha Gray, B.S., MB(ASCP), CG(ASCP)  
Laboratory Manager

Dr. Michael Kayser, D.O.  
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Sample: Marijuana Customer Name: Red Dirt, LLC  
Sample Type: Flower OBNDD: 58923  
Sample Name: Insane in the Membrane Date Received: 10/21/2019  
Sample ID: MM2404 Date Resulted: 10/25/2019  
Water activity or  $a_w$ : 0.374 Batch: IM101204



### Pesticides

Pesticide	Above 500 ppb (ng/ml)	Pesticide	Above 500 ppb (ng/ml)
Spiromesifen	Not Detected	Myclobutanil (Systhane)	Not Detected
Spirotetramat	Not Detected	Azoxystrobin	Not Detected
Tebuconazole	Not Detected	Bifenazate	Not Detected
Etoazole	Not Detected	Abamectin	Not Detected
Imazalil	Not Detected	Permethrin	Not Detected
Imidacloprid	Not Detected	Spinosad	Not Detected
Malathion	Not Detected		

Method: LC-MS/MS - State Limit for pesticides is 500 ppb

### Microbiological Screening

Microbe	Limit (CFUs)	Status
Aerobic Total	No Limit Specified	Positive
E. coli	1	Negative
Mold & Yeast	10,000	Negative
Salmonella spp.	1	Negative

Method: Compact Dry - A positive result for Aerobic Total does not fail OMMA testing standards and thresholds. There is no limit for Aerobic Total Count.

### Residual Solvent Screening

Solvent	Limit	Status
Acetone	1000 ppm	N/A
Benzene	2 ppm	N/A
Butanes/Heptanes	1000 ppm	N/A
Hexane	60 ppm	N/A
Isopropanol	1000 ppm	N/A
Pentane	1000 ppm	N/A
Propane	1000 ppm	N/A
Toluene	180 ppm	N/A
Total Xylenes (m,p,o)	430 ppm	N/A

Method: GC/MS

### Heavy Metals

Metal	Limit	Status
Lead	1 ppm	Negative
Arsenic	0.4 ppm	Negative
Cadmium	0.44 ppm	Negative
Mercury	0.2 ppm	Negative

Method: X-Ray Fluorescent Spectrometer

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