

Dr. Michael Kayser, D.O.  
Laboratory Director  
OBND 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 OBND: 58923  
Sample Name: Pineapple Muffin Date Received: 11/5/2019  
Sample ID: MM2636 Date Resulted: 11/12/2019  
Batch: PM110220 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	0.033	0.332
CBGa	0.070	0.698
CBG	0.081	0.806
CBD	0.000	0.000
CBC	0.000	0.000
$\Delta 8/\Delta 9$ -THC	0.560	5.600
THCA-A	13.980	139.800
THCV	0.000	0.000
Total	14.724	147.236

Cannabinoids %



**TOTAL THC** 12.820  
**TOTAL CBD** 0.029

+/- 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	0.616	Floral, spicy
$\alpha$ -Pinene	0.000	Pine, woody, earthy
$\beta$ -Pinene	0.000	Pine, woody, earthy
$\beta$ -Myrcene	1.182	Earthy, musky
$\alpha$ -Humulene	1.458	Woody, earthy
Limonene	0.000	Citrus
$\alpha$ -Bisabolol	0.774	Floral, sweet
Ocimene	0.000	Sweet, woody
Terpinolene	0.000	Pine, floral, herbal



Terpenes

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

### Report of Laboratory Analysis

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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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Water activity or  $a_w$ : 0.437 Batch: PM110220



### Pesticides

Pesticide	Above 0.5 ppm	Pesticide	Above 0.5 ppm
Spiromesifen	Not Detected	Myclobutanil (Systhane)	Not Detected
Spirotetramat	Not Detected	Azoxystrobin	Not Detected
Tebuconazole	Not Detected	Bifenazate	Not Detected
Etoxazole	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 0.5ppm or 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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