

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:	Blue Dream	Date Received:	10/23/2019
Sample ID:	MM2563	Date Resulted:	11/4/2019
Batch:	BDBG101908	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	0.038	0.378
CBGa	0.314	3.140
CBG	0.021	0.210
CBD	0.000	0.000
CBC	0.000	0.000
$\Delta 8/\Delta 9$ -THC	0.276	2.760
THCA-A	10.560	105.600
THCV	0.000	0.000
Total	11.209	112.088

Cannabinoids %



TOTAL THC 9.537
TOTAL CBD 0.033

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

+/-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.

Terpene Profile

Terpene	mg/g	Description
Linalool	0.454	Floral, spicy
α -Pinene	1.862	Pine, woody, earthy
β -Pinene	0.000	Pine, woody, earthy
β -Myrcene	1.082	Earthy, musky
α -Humulene	0.312	Woody, earthy
Limonene	0.874	Citrus
α -Bisabolol	0.000	Floral, sweet
Ocimene	1.806	Sweet, woody
Terpinolene	0.000	Pine, floral, herbal



Terpenes

- Linalool
- α -Pinene
- β -Pinene
- β -Myrcene
- α -Humulene
- Limonene
- α -Bisabolol
- Ocimene
- Terpinolene

Report of Laboratory Analysis

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

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



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Certificate of Analysis

Sample: Marijuana Customer Name: Red Dirt, LLC
 Sample Type: Flower OBNDD: 58923
 Sample Name: Blue Dream Date Received: 10/23/2019
 Sample ID: MM2563 Date Resulted: 11/04/20019
 Water activity or a_w: 0.357 Batch: BDBG101908



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 OMMMA 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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