



## **Certificate of Analysis**

CLIENT: **Mother Earth Farms** SAMPLE: **Donkey Butter** 180908-003 Attn.: Julian Berlove Laboratory ID: Type: Flower Address: 1000 1st Ave Unit 2001, Seattle, WA, 98104 Inventory ID: WAJ425080.IN6TSEI

Batch ID: WAJ425080.BA7HSY5

> Received on: 09.08.2018 09.11.2018 Reported on:

> > Cannabinoids method and instrument: UFLC-PDA

Cannabinoids	Abbreviation	Result	Unit
Cannabidivarin	CBDV	ND	% by mass
Tetrahydrocannabivarin	THCV	ND	% by mass
Cannabidiol	CBD	ND	% by mass
Cannabigerol	CBG	ND	% by mass
Cannabidiolic Acid	CBDA	ND	% by mass
Cannabigerol Acid	CBGA	0.27	% by mass
Cannabinol	CBN	ND	% by mass
delta-9-Tetrahydrocannabinol	THC	0.64	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	ND	% by mass
Tetrahydrocannabinolic Acid	THCA	14.20	% by mass

**Total THC** 13.09 Total CBX = CBX + (CBXA x 0.877) **Total CBD** ND

Water Activity method and instrument: AquaLab 4TE Duo by Decagon

Moisture Content	Result	Unit	State Limit
Moisture	6.9	% Mw	15
Water Activity	0.49	Aw	0.65

Micro & Mycotoxin method and instrument: Petrifilm Count Plates + AgraQuant

Bile Tolerant gram neg         ND         CFU/g         10,000         20,00           E.Coli         ND         CFU/g         ND per 1 gram         no ret           Salmonella         ND         CFU/g         ND per 1 gram         no ret           Aflatoxin (B1 B2 G1 G2)         ND         ng/g         20         40           Ochratoxin A         ND         ng/g         20         40					
E.Coli         ND         CFU/g         ND per 1 gram         no ret           Salmonella         ND         CFU/g         ND per 1 gram         no ret           Aflatoxin (B1 B2 G1 G2)         ND         ng/g         20         40           Ochratoxin A         ND         ng/g         20         40	Micro & Mycotoxin	Result	Unit	State Limit	Retest Limit
Salmonella         ND         CFU/g         ND per 1 gram         no ret           Aflatoxin (B1 B2 G1 G2)         ND         ng/g         20         40           Ochratoxin A         ND         ng/g         20         40	Bile Tolerant gram neg	ND	CFU/g	10,000	20,000
Aflatoxin (B1 B2 G1 G2)         ND         ng/g         20         40           Ochratoxin A         ND         ng/g         20         40	E.Coli	ND	CFU/g	ND per 1 gram	no retest
Ochratoxin A ND ng/g 20 40	Salmonella	ND	CFU/g	ND per 1 gram	no retest
3.3	Aflatoxin (B1 B2 G1 G2)	ND	ng/g	20	40
	Ochratoxin A	ND	ng/g	20	40
Residual Solvents Concentration Unit Class State L	Residual Solvents	Concentration	Unit	Class	State Limit

Not Reported	NR	PPM	NA	NA
Pesticides	Concentra	tion	Unit	State Limit
Not Reported	NR		PPM	NA

NR = Not Reported ND = Not Detected DET = Detected LOD = Limit of Detection LOQ = Limit of Quantification Aw = Water Activity % m/m = Percent by Mass % Mw = Percent Moisture, wet basis CFU/g = Colony Forming Units per gram TNTC = Too numerous to count









**Kyle Shelton** 



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## **Certificate of Analysis**

CLIEN	NT:			Мо	ther	Earth	Farm	าร							SAN	1PLE:					D	onke	y But	ter				
Attn.:	:			Juli	ian B	erlove	•										ry ID:						3-003					
Addre	ess:			100	00 1st	Ave l	Jnit 2	2001,	Seatt	le, W	A, 98 <sup>-</sup>	104			Bato Rec	e: entory ch ID: eived orted	l on:				W O		:5080 :5080 2018					
																					7.66							
		1.89					3.71															1.97						3.37
0.27	ND		0.61	ND	ND	ND		ND	ND	ND	ND	ND	0.77	ND	ND	ND	ND	ND	ND	ND			1.34	ND	ND	0.16	0.77	
a-Pinene	Camphene	b-Myrcene	b-Pinene	Δ3-Carene	a-Terpinene	Ocimene 2	Limonene	p-Cymene	Ocimene 1	Eucalyptol	g-Terpinene	Terpinolene	Linalool	Geraniol	Terpineol 3	Terpineol 1	Terpineol 2	logaludosi	Citrall	Citral2	b-Caryophyllene	a-Humulene	cis-Nerolidol	trans-Nerolidol	Guaiol	Caryophyllene Oxide	a-bisabolol	Farnesene (Mix)

Terpenes method and instrument: GC/FID

Terpenes	Unit (mg/g)		Unit (mg/g)
a-Pinene	0.27	Camphene	ND
b-Myrcene	1.89	b-Pinene	0.61
Δ3-Carene	ND	a-Terpinene	ND
Ocimene 2	ND	Limonene	3.71
p-Cymene	ND	Ocimene 1	ND
Eucalyptol	ND	g-Terpinene	ND
Terpinolene	ND	Linalool	0.77
Geraniol	ND	Terpineol 3	ND
Terpineol 1	ND	Terpineol 2	ND
Isopulegol	ND	Citral1	ND
Citral2	ND	b-Caryophyllene	7.66
a-Humulene	1.97	cis-Nerolidol	1.34
trans-Nerolidol	ND	Guaiol	ND
Caryophyllene Oxide	0.16	a-bisabolol	0.77
Farnesene (Mix)	3.37		
		T. I. I. T	22.52 mg/g
		Total Terpenes	2.25 % by mass

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Authorized Signature

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