



# Steep Hill Oklahoma

114154 S. 4629 SALLISAW, OK 74955 LIC #LAAA-NJT2-DMOG

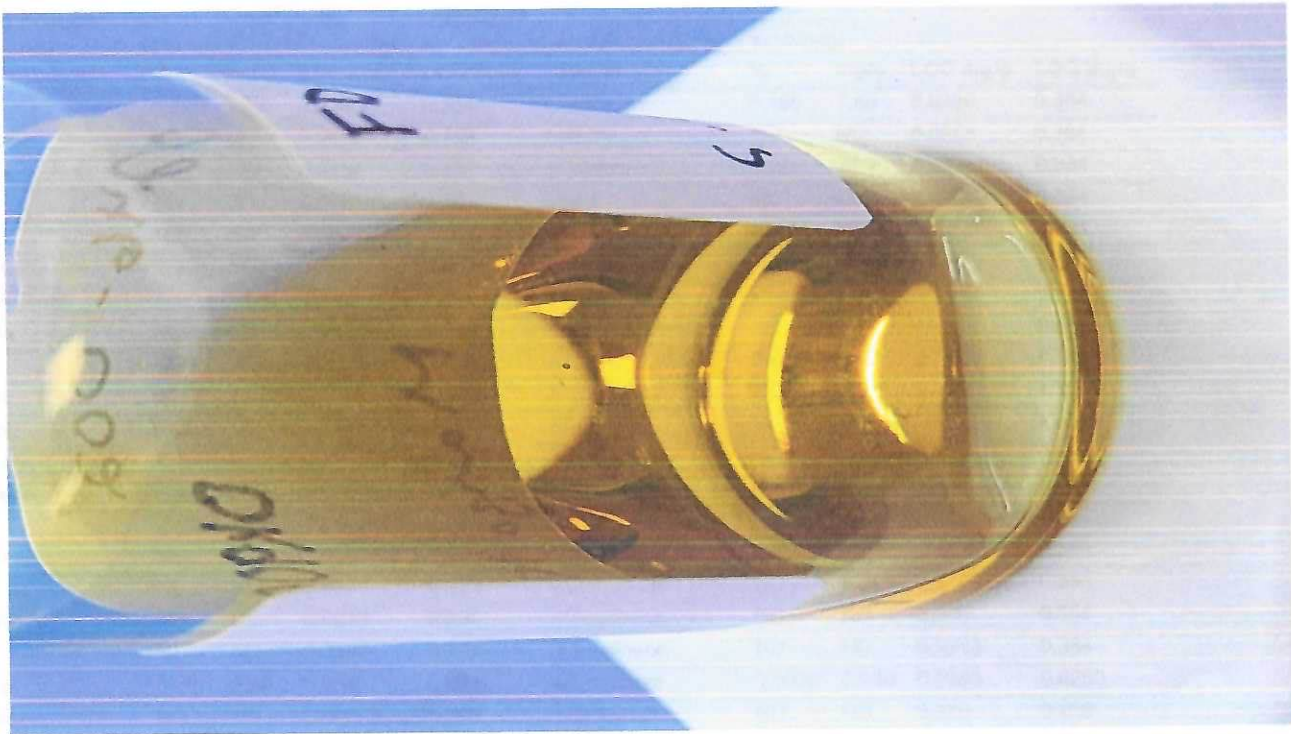
## CERTIFICATE OF ANALYSIS | For Medical Use

Sample Name: Mango Kush  
Steep Hill ID: OK90628  
Batch ID: FD-20246-002  
Sample Type: Concentrate  
Date Received: 9/8/2020  
Date Reported: 9/10/2020

Customer: Peace Out Time LLC  
2132 NW 164th Street  
Edmond, OK 73013  
LIC.# PAAA-4Y1M-GFVL

### OVERALL BATCH SUMMARY: PASS

Cannabinoids	Foreign Material	Heavy Metals	Microbial Impurities	Mycotoxins	Residual Solvents
Tested	Pass	Pass	Pass	Pass	Pass



<b>Total THC</b>
94.6 %
946 mg/g

<b>Total CBD</b>
Not Detected
Not Detected

<b>Total Cannabinoids</b>
100 %
1000 mg/g

*K Faulkenberry*

Kandice Faulkenberry  
Co-Owner & CEO  
Date: 9/10/2020

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## CERTIFICATE OF ANALYSIS | For Medical Use

### Cannabinoid Results

9/10/2020

Standard potency analysis utilizing High Performance Liquid Chromatography with Photo Diode Array Detector (HPLC-PDA; SOP-068) - THC Limits: 2000 mg/pkg

Analyte	%	mg/g	LOD mg/g	LOQ mg/g
CBC	1.30	13.0	1.06	3.52
CBCV	ND	ND	1.06	3.52
CBD	ND	ND	1.06	3.52
CBDA	ND	ND	1.06	3.52
CBDV	ND	ND	1.06	3.52
CBDVA	ND	ND	1.06	3.52
CBG	2.27	22.7	1.06	3.52
CBGA	ND	ND	1.06	3.52
CBL	ND	ND	1.06	3.52
CBN	0.571	5.71	1.06	3.52
THC	93.9	939	1.06	3.52
delta-8-THC	ND	ND	1.06	3.52
THCA	0.720	7.20	1.06	3.52
THCV	1.23	12.3	1.06	3.52
THCVA	ND	ND	1.06	3.52
Total	100	1000		

### Terpenoid Results

9/9/2020

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069)

Analyte	%	mg/g	LOD mg/g	LOQ mg/g	Analyte	%	mg/g	LOD mg/g	LOQ mg/g
α-Bisabolol	0.115	1.15	0.230	0.384	Linalool	0.185	1.85	0.0296	0.384
endo-Borneol	ND	ND	0.0995	0.768	Menthol	ND	ND	0.0285	0.384
Camphene	ND	ND	0.0154	0.384	β-Myrcene	3.57	35.7	0.164	0.384
Camphor	ND	ND	0.0760	1.15	Nerol	ND	ND	0.0494	0.384
3-Carene	ND	ND	0.164	0.384	cis-Nerolidol	ND	ND	0.0304	0.384
Caryophyllene Oxide	ND	ND	0.309	0.384	trans-Nerolidol	ND	ND	0.0144	0.384
β-Caryophyllene	1.12	11.2	1.14	1.14	cis-β-Ocimene	ND	ND	0.0526	0.192
α-Cedrene	ND	ND	0.0108	0.384	trans-β-Ocimene	ND	ND	0.977	0.977
Cedrol	ND	ND	0.00198	0.384	α-Phellandrene	0.0695	0.695	0.170	0.384
Citronellol	0.209	2.09	0.0312	0.384	Phytol 1	ND	ND	4.80	4.80
Eucalyptol	ND	ND	0.0454	0.384	Phytol 2	ND	ND	2.50	2.50
α-Farnesene	ND	ND	0.343	0.343	α-Pinene	ND	ND	0.00533	0.384
β-Farnesene	ND	ND	0.0250	0.0640	β-Pinene	0.0941	0.941	0.000719	0.384
Fenchol	0.117	1.17	0.0207	0.384	Pulegone	ND	ND	0.00554	0.384
Fenchone	ND	ND	0.0103	0.768	Sabinene	ND	ND	0.000589	0.384
Geraniol	ND	ND	0.690	0.690	α-Terpinene	ND	ND	0.0841	0.384
Geranyl Acetate	ND	ND	0.0218	0.384	γ-Terpinene	ND	ND	0.205	0.384
Guaial	ND	ND	0.0183	0.384	Δ Terpinene	ND	ND	0.0213	0.384
Humulene	0.199	1.99	0.0212	0.384	α-Terpineol	0.0938	0.938	0.0283	0.0960
Isoborneol	ND	ND	0.00375	0.384	γ-Terpineol	ND	ND	0.229	0.229
Isopulegol	ND	ND	0.0317	0.384	Valencene	ND	ND	0.0206	0.384
D-Limonene	0.666	6.66	0.0695	0.384	Total	6.43	64.3		

LOD: Limit of Detection  
 LOQ: Limit of Quantitation  
 NT: Not Tested  
 ND: Not Detected

*K Faulkenberry*

Kandice Faulkenberry  
 Co-Owner & CEO  
 Date: 9/10/2020

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### Heavy Metals Results

Pass 9/9/2020

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072) - Limit units: µg/g

Analyte	Pass/Fail	µg/g	Limit	LOD µg/g	LOQ µg/g
Arsenic	Pass	ND	0.4	0.0000296	0.0000939
Cadmium	Pass	ND	0.4	0.0000334	0.000101
Lead	Pass	ND	1	0.0000358	0.000108
Mercury	Pass	ND	0.2	0.00000176	0.00000528

### Microbial Impurities Results

Pass 9/9/2020

Microbiological screening utilizing Pathogen Dx. (PDX; SOP-076) - Limit units: CFU/g

Analyte	Pass/Fail	Result	Limit	LOQ
E. coli	Pass	ND	ND	
Salmonella	Pass	ND	ND	
Staphylococcus Aureus	Pass	ND	ND	
Yeast & Mold	Pass	ND	10000	

### Residual Pesticides Results

NT 9/9/2020

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS + GC-MSMS; SOP-070 + SOP-080) - Limit units: µg/g

Analyte	µg/g	Limit	LOD µg/g	LOQ µg/g
Abamectin	ND	0.5	0.00564	0.0188
Azoxystrobin	ND	0.5	0.00584	0.0194
Bifenazate	ND	0.5	0.00584	0.0194
Etoxazole	ND	0.5	0.00592	0.0197
Imazalil	ND	0.5	0.00600	0.0200
Imidacloprid	ND	0.5	0.00583	0.0194
Malathion	ND	0.5	0.00588	0.0196
Myclobutanil	ND	0.5	0.00595	0.0198
Permethrins	ND	0.5	0.00591	0.0197
Spinosad	ND	0.5	0.00428	0.0143
Spiromesifen	ND	0.5	0.00590	0.0196
Spirotetramat	ND	0.5	0.00588	0.0196
Tebuconazole	ND	0.5	0.00587	0.0195

### Residual Solvents Results

Pass 9/9/2020

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010) - Limit units: µg/g

Analyte	Pass/Fail	µg/g	Limit	LOD µg/g	LOQ µg/g
2-Propanol (IPA)	Pass	ND	1000	7.59	7.59
Acetone	Pass	ND	1000	26.4	26.4
Benzene	Pass	ND	2	0.00189	0.00223
n-Butane	Pass	ND	1000	0.549	0.549
n-Heptane	Pass	ND	1000	15.6	15.6
n-Hexane	Pass	ND	60	5.31	5.31
n-Pentane	Pass	ND	1000	7.18	7.18
Propane	Pass	ND	1000	18.2	18.2
Toluene	Pass	ND	180	2.94	2.94
Total Xylenes	Pass	ND	430	14.3	14.3

### Mycotoxin Results

Pass 9/9/2020

Mycotoxin analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070) - Limit units: µg/kg

Analyte	Pass/Fail	µg/kg	Limit	LOD µg/kg	LOQ µg/kg
Aflatoxin B1		ND		0.621	2.07
Aflatoxin B2		ND		0.623	2.08
Aflatoxin G1		ND		0.626	2.08
Aflatoxin G2		ND		0.625	2.08
Ochratoxin A	Pass	ND	20	0.594	1.98

### Foreign Material Results

Pass 9/9/2020

Foreign material analysis utilizing visual inspection

Analyte	Pass/Fail
Visual Inspection	Pass

### Water Activity Results

NT

Water Activity analysis utilizing Water Activity Meter (WAM; SOP-090) - Limit units: Aw

Analyte	Pass/Fail	Aw	Limit
Water Activity	NT	NT	NT

### Moisture Results

NT

Moisture content analysis utilizing Moisture Balance (MB; SOP-055)

Analyte	%
Moisture	NT

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