



Steep Hill Oklahoma

114154 S. 4629 SALISAW, OK 74995 LIC #LAAA-NJT2-DMOG

CERTIFICATE OF ANALYSIS | For Medical Use

Sample Name: Double Dejavu
Steep Hill ID: OK88032
Batch ID: DJ200626-C
Sample Type: Flower
Date Received: 7/12/2020
Date Reported: 7/15/2020

Customer: Mariteq Growers, LLC
471833 Hwy 51 East
Stilwell, OK 74960
LIC.# GAAA-EKCT-I7DH

OVERALL BATCH SUMMARY: **PASS**

Cannabinoids	Foreign Material	Heavy Metals	Microbial Impurities	Mycotoxins	Residual Pesticides	Moisture
Tested	Pass	Pass	Pass	Pass	Pass	Tested



Total THC
 22.4 %
 224 mg/g
 24.1 % (Dry)
 241 mg/g (Dry)

Total CBD
 0.300 %
 3.00 mg/g
 0.323 % (Dry)
 3.23 mg/g (Dry)

Total Cannabinoids
 26.9 %
 269 mg/g
 28.9 % (Dry)
 289 mg/g (Dry)

* Dry accounts for moisture in the potency calculation.

K Faulkenberry

Kandice Faulkenberry
Co-Owner & CEO
Date: 7/15/2020

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Cannabinoid Results

7/15/2020

Standard potency analysis utilizing High Performance Liquid Chromatography with Photo Diode Array Detector (HPLC-PDA; SOP-068)

Analyte	%	mg/g	% (Dry)	mg/g (Dry)	LOD mg/g	LOQ mg/g
CBC	0.0350	0.350	0.0376	0.376	0.109	0.362
CBCV	ND	ND	ND	ND	0.109	0.362
CBD	0.258	2.58	0.278	2.78	0.109	0.362
CBDA	0.0472	0.472	0.0508	0.508	0.109	0.362
CBDV	ND	ND	ND	ND	0.109	0.362
CBDVA	0.0415	0.415	0.0446	0.446	0.109	0.362
CBG	0.241	2.41	0.260	2.60	0.109	0.362
CBGA	0.578	5.78	0.622	6.22	0.109	0.362
CBL	0.210	2.10	0.226	2.26	0.109	0.362
CBN	ND	ND	ND	ND	0.109	0.362
THC	1.18	11.8	1.27	12.7	0.109	0.362
delta-8-THC	ND	ND	ND	ND	0.109	0.362
THCA	24.2	242	26.0	260	0.109	0.362
THCV	ND	ND	ND	ND	0.109	0.362
THCVA	0.104	1.04	0.112	1.12	0.109	0.362
Total	26.9	269	28.9	289		

Terpenoid Results

7/15/2020

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	0.0475	0.475	0.00175	0.0210	D-Limonene	0.0480	0.480	0.00229	0.102
endo-Borneol	< LOQ	< LOQ	0.00151	0.0961	Linalool	0.0911	0.911	0.00260	0.0344
Camphene	< LOQ	< LOQ	0.00178	0.0697	Menthol	ND	ND	0.00263	0.0293
Camphor	ND	ND	0.00101	0.107	β-Myrcene	0.739	7.39	0.00138	0.0681
3-Carene	ND	ND	0.00103	0.0688	Nerol	< LOQ	< LOQ	0.00488	0.0693
Caryophyllene Oxide	ND	ND	0.0388	0.0570	cis-Nerolidol	ND	ND	0.0109	0.0109
β-Caryophyllene	0.438	4.38	0.00150	0.0355	trans-Nerolidol	0.0111	0.111	0.00294	0.0478
α-Cedrene	< LOQ	< LOQ	0.00148	0.108	cis-β-Ocimene	0.0896	0.896	0.00121	0.0337
Cedrol	ND	ND	0.0386	0.0386	trans-β-Ocimene	< LOQ	< LOQ	0.00214	0.0301
Citronellol	< LOQ	< LOQ	0.00960	0.136	Phytol 1	ND	ND	0.661	0.661
Eucalyptol	ND	ND	0.00401	0.0663	Phytol 2	ND	ND	0.528	0.528
α-Farnesene	ND	ND	0.000242	0.00109	α-Pinene	0.296	2.96	0.00184	0.100
β-Farnesene	0.0808	0.808	0.00398	0.0203	β-Pinene	0.0695	0.695	0.00153	0.0985
Fenchol	0.0152	0.152	0.0106	0.143	Pulegone	ND	ND	0.00427	0.108
Fenchone	ND	ND	0.00112	0.136	Sabinene	ND	ND	0.00159	0.101
Geraniol	ND	ND	0.0102	0.0974	Sabinene Hydrate	ND	ND	0.0274	0.376
Geranyl Acetate	< LOQ	< LOQ	0.00159	0.0366	α-Terpinene	ND	ND	0.00228	0.102
Guaiol	ND	ND	0.00276	0.0257	γ-Terpinene	< LOQ	< LOQ	0.00191	0.102
Humulene	0.0974	0.974	0.00136	0.0969	Δ Terpinene	< LOQ	< LOQ	0.00352	0.108
Isoborneol	ND	ND	0.00165	0.0416	α-Terpineol	0.0107	0.107	0.00370	0.0632
Isopulegol	0.00781	0.0781	0.0262	0.0750	Valencene	ND	ND	0.00545	0.160
Total	2.04	20.4							

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

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Heavy Metals Results Pass 7/13/2020

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	0.0000406	0.000129
Cadmium	Pass	ND	0.4	0.0000458	0.000139
Lead	Pass	ND	1	0.0000492	0.000149
Mercury	Pass	< LOQ	0.2	0.00000242	0.00000725

Microbial Impurities Results Pass 7/14/2020

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	2227	10000	

Residual Pesticides Results Pass 7/14/2020

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

Analyte	Pass/Fail	µg/g	Limit	LOD µg/g	LOQ µg/g
Abamectin	Pass	ND	0.5	0.00550	0.0183
Azoxystrobin	Pass	ND	0.5	0.00570	0.0190
Bifenazate	Pass	ND	0.5	0.00570	0.0190
Etoxazole	Pass	ND	0.5	0.00578	0.0193
Imazalil	Pass	ND	0.5	0.00585	0.0195
Imidacloprid	Pass	ND	0.5	0.00570	0.0190
Malathion	Pass	ND	0.5	0.00574	0.0191
Myclobutanil	Pass	ND	0.5	0.00581	0.0193
Permethrins	Pass	ND	0.5	0.00577	0.0192
Spinosad	Pass	ND	0.5	0.00418	0.0139
Spiromesifen	Pass	ND	0.5	0.00576	0.0192
Spirotetramat	Pass	ND	0.5	0.00574	0.0191
Tebuconazole	Pass	ND	0.5	0.00573	0.0191

Residual Solvents Results NT

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)	NT	NT	NT	NT	NT
Acetone	NT	NT	NT	NT	NT
Benzene	NT	NT	NT	NT	NT
n-Butane	NT	NT	NT	NT	NT
n-Heptane	NT	NT	NT	NT	NT
n-Hexane	NT	NT	NT	NT	NT
n-Pentane	NT	NT	NT	NT	NT
Propane	NT	NT	NT	NT	NT
Toluene	NT	NT	NT	NT	NT
Total Xylenes	NT	NT	NT	NT	NT

Foreign Material Results Pass 7/14/2020

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	

Mycotoxin Results Pass 7/14/2020

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		0.606	2.02
Aflatoxin B2		ND		0.608	2.03
Aflatoxin G1		ND		0.611	2.03
Aflatoxin G2		ND		0.611	2.03
Ochratoxin A	Pass	ND	20	0.580	1.93

Moisture Results 7/14/2020

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

Analyte	%
Moisture	7.01

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