



Certificate of Analysis

Powered by Confident Cannabis
1 of 6

Mariteq Growers, LLC/ Mariteq Processors, LLC

Sample: 2012SHOK0016.0092

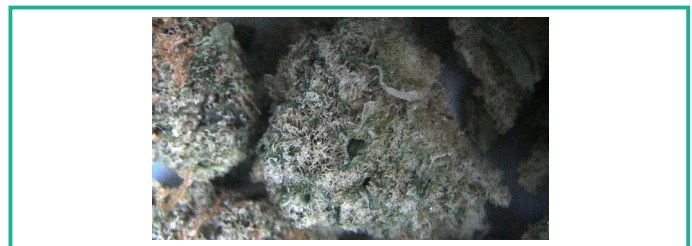
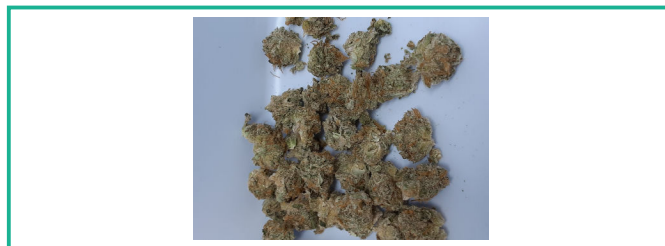
471833 Hwy 51 East
Stilwell, OK 74960
smoton@redbirdmmj.com
(918) 797-0771
Lic. #GAAA-EKCT-I7DH

Strain: PINEAPPLE EXPRESS
Batch#: PEX201204B; Batch Size: g
Sample Received: 12/17/2020; Report Created: 12/21/2020; Expires: 01/20/2021

Sampling: ; Environment:

PINEAPPLE EXPRESS

Plant, Flower - Cured
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Safety

Pass Pesticides	Pass Microbials	Pass Mycotoxins
Not Tested Solvents	Pass Metals	Pass Foreign Matter

Terpenes

Hops	Cinnamon	Basil
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Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	mg/g		%	%	mg/g
β-Myrcene	0.50	0.64	6.4	Eucalyptol	0.50	NR	NR
β-Caryophyllene	0.50	0.60	6.0	Fenchol	1.00	NR	NR
α-Farnesene	0.08	0.09	0.9	Fenchone	1.00	NR	NR
3-Carene	0.50	NR	NR	γ-Terpinene	0.50	NR	NR
α-Bisabolol	0.50	<0.50	<5.0	γ-Terpineol	0.13	NR	NR
α-Cedrene	0.50	<0.50	<5.0	Geraniol	0.50	NR	NR
α-Humulene	0.50	<0.50	<5.0	Geranyl Acetate	0.50	NR	NR
α-Phellandrene	0.50	NR	NR	Guaiol	0.50	NR	NR
α-Pinene	0.50	<0.50	<5.0	Isoborneol	0.50	NR	NR
α-Terpinene	0.50	NR	NR	Isopulegol	5.00	NR	NR
α-Terpineol	1.25	ND	ND	Linalool	0.50	<0.50	<5.0
β-Farnesene	0.08	<0.08	<0.8	Menthol	1.00	NR	NR
β-Pinene	0.50	<0.50	<5.0	Nerol	0.50	NR	NR
Camphene	0.50	NR	NR	(-)-Borneol	10.00	NR	NR
Camphor	1.50	NR	NR	Pulegone	0.50	NR	NR
Caryophyllene Oxide	0.50	NR	NR	Sabinene	0.50	NR	NR
Cedrol	0.50	NR	NR	Sabinene Hydrate	0.50	NR	NR
cis-Nerolidol	0.50	NR	NR	Delta-Terpinene	0.50	NR	NR
cis-Ocimene	0.25	NR	NR	trans-Nerolidol	0.50	NR	NR
cis-Phytol	0.25	NR	NR	trans-Ocimene	0.25	NR	NR
Citronellol	0.50	NR	NR	trans-Phytol	0.25	NR	NR
δ-Limonene	0.50	<0.50	<5.0	Valencene	0.50	NR	NR

Cannabinoids

21.46%	<LOQ	8.8%	Pass
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.50	23.80	238.0
Δ9-THC	0.50	0.59	5.9
Δ8-THC	0.50	<LOQ	<LOQ
THCVa	0.50	<LOQ	<LOQ
THCV	0.50	ND	ND
CBDa	0.50	ND	ND
CBD	0.50	<LOQ	<LOQ
CBDVa	0.50	NR	NR
CBDV	0.50	<LOQ	<LOQ
CBN	0.50	NR	NR
CBGa	0.50	ND	ND
CBG	0.50	<LOQ	<LOQ
CBC	0.50	ND	ND
CBL	0.50	<LOQ	<LOQ
Total		24.39	243.9

Total THC=THCa*0.877+Δ9-THC, Total CBD=CBDa*0.877+CBD; Standard potency analysis High Performance Liquid Chromatography Photo Diode Array Detector (HPLC-PDA; SOP-068); Moisture content analysis Moisture Balance (MB; SOP-055)

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



11415 S. 4629 Rd.
Sallisaw, OK
(918) 315-7892
https://www.steephillok.com

Sarah Thurmon

Sarah Thurmon
Laboratory Director

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Lic# LAAA-NJT2-DMOG
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ND=Not Detected, NR=Not Reported, LOD=Limit of Detection, LOQ=Limit of Quantitation. This product has been tested by Steep Hill Oklahoma, using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested and batched under the batch number identified above. Steep Hill Oklahoma makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Steep Hill Oklahoma.



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Sampling: ; Environment:

PINEAPPLE EXPRESS

Plant, Flower - Cured
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Abamectin		0.500	ND	Pass
Azoxystrobin	1.000	0.200	ND	Pass
Bifenazate	1.000	0.200	ND	Pass
Etoxazole	1.000	0.200	ND	Pass
Imazalil	1.000	0.200	ND	Pass
Imidacloprid	1.000	0.400	ND	Pass
Malathion	1.000	0.200	ND	Pass
Myclobutanil	1.000	0.200	ND	Pass
Permethrin	1.000	0.200	ND	Pass
Spinosad		0.200	ND	Pass
Spiromesifen	1.000	0.200	ND	Pass
Spirotetramat	1.000	0.200	ND	Pass
Tebuconazole	1.000	0.400	ND	Pass

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



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Sampling: ; Environment:

PINEAPPLE EXPRESS

Plant, Flower - Cured
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Microbials

Pass

Analyte	Limit	Units	Status
Aspergillus flavus	0	CFU/g	Pass
Aspergillus fumigatus	0	CFU/g	Pass
Aspergillus niger	0	CFU/g	Pass
Aspergillus terreus	0	CFU/g	Pass
E. Coli	0	CFU/g	Pass
Salmonella	0	CFU/g	Pass
Yeast & Mold	10000	<LOQ	Pass

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



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Sampling: ; Environment:

PINEAPPLE EXPRESS

Plant, Flower - Cured
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Mycotoxins

Pass

Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
B1	0.10		ND	Tested
B2	0.10		ND	Tested
G1	0.10		ND	Tested
G2	0.10		ND	Tested
Ochratoxin A	0.10	20.00	ND	Pass
Total Aflatoxins		20.00	ND	Pass

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



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Sampling: ; Environment:

PINEAPPLE EXPRESS

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Heavy Metals

Pass

Analyte	Mass	LOQ	Limit	Status
	PPM	PPM	PPM	
Arsenic	0.07	0.00	0.20	Pass
Cadmium	0.17	0.00	0.20	Pass
Lead	0.03	0.00	0.50	Pass
Mercury	ND	0.00	0.10	Pass

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



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Residual Solvents

Not Tested

Analyte	LOQ	Limit	Mass	Status
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