

## Power Brokerage

License#: P.O Box 2552  
Litchfield Park, AZ 85340  
(630) 538-4346

Additional Licenses:

Batch #: 003

Sample Batch Collection: 02/23/21 00:00; Sample Batch Collected By: Power Brokerage  
Sample Received: 2/23/2021; Report Created: 3/15/2021

**Banana Kush**

**Laboratory Number: 2102244-07**

Flower

<b>Herbicides</b> Not Tested	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> Not Tested	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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### Sample Image



### Residual Solvents (GCMS-MS) Analyzed: 03/05/21 By: LEH

Analyte	RL	ppm	Q
Propane	100.00	ND	
Butanes	100.00	ND	
Pentanes	100.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	100.00	ND	
Hexanes	100.00	ND	
Chloroform	10.00	ND	
n-Heptane	100.00	ND	
Methanol	500.00	ND	
Ethanol	100.00	ND	
Diethyl Ether	100.00	ND	
Acetone	100.00	ND	
Isopropanol	100.00	ND	
Ethyl acetate	100.00	ND	
Isopropyl acetate	100.00	ND	
Benzene	1.00	ND	
Toluene	100.00	ND	
Xylenes	100.00	ND	

### Cannabinoid (HPLC) Analyzed: 03/01/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.54	25.00	250	D1
delta 9-THC	0.05	0.71	7.1	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.58	15.8	
CBD-A	0.05	0.07	0.7	
CBD	0.05	ND	ND	Q3
CBD-V	0.05	ND	ND	Q3
CBN	0.05	ND	ND	Q3
CBG	0.05	0.15	1.5	Q3
CBC	0.05	ND	ND	

### Metals (ICP-MS) Analyzed: 03/03/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.050	0.118	
Cadmium	0.050	0.094	
Lead	0.050	0.167	
Mercury	0.005	ND	

### Regulated Microbials (Petrifilm) Analyzed: 2/28/2021 By: LEF

Pathogens	RL	Result	Units	Q
E. coli	10.0	ND	cfu/g	

### Regulated Microbials (PCR) Analyzed: 2/27/2021 By: KRB

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	cfu/g	
Salmonella	1.00	Absent	cfu/g	

22.61 % 226.10 mg/g <b>Total THC</b>	0.06 % 0.61 mg/g <b>Total CBD</b>	27.50 % 275.00 mg/g <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

### Regulated Mycotoxins (LC-MS TQ) Analyzed: By:

Pathogens	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

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Erin Polly  
Technical Laboratory Director

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# Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 03/08/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.019	ND		Acequinocyl	0.096	ND	
Acetamiprid	0.010	ND	M1, R1	Aldicarb	0.019	ND	L1, M1, N1
Azoxystrobin	0.010	ND	M1, R1	Bifenthrin	0.010	ND	R1
Boscalid	0.019	ND	R1	Carbaryl	0.010	ND	L1, M1, N1
Carbofuran	0.010	ND	M1, R1	Chlorpyrifos	0.010	ND	L1, N1
Diazinon	0.010	ND	M2	Dimethoate	0.010	ND	L1, N1
Ethoprophos	0.010	ND	M2	Etofenprox	0.019	ND	M1, R1
Etoxazole	0.010	ND	M2	Fenoxycarb	0.010	ND	M1, R1
Fenpyroximate E	0.019	ND	M2	Fonicamid	0.048	ND	M1, R1
Fludioxonil	0.019	ND	M1	Hexythiazox	0.048	ND	R1
Imazalil	0.010	ND	N1, Q3	Imidacloprid	0.019	ND	M1, R1
Kresoxim-methyl	0.019	ND	R1	Malathion	0.010	ND	M2, R1
Metalaxyl	0.010	ND	M2	Methiocarb	0.010	ND	L1, N1
Methomyl	0.019	ND	M1, R1	Myclobutanil	0.010	ND	R1
Naled	0.024	ND		Oxamyl	0.048	ND	
Piperonyl butoxide	0.096	ND	R1	Propiconazole	0.019	ND	
Propoxure	0.010	ND	M1, R1	Spiromesifen	0.010	ND	M2
Spirotetramat	0.010	ND	M1	Spiroxamine	0.019	ND	
Tebuconazole	0.019	ND	L1, M1, N1	Thiacloprid	0.010	ND	M1, R1
Thiamethoxam	0.010	ND	M1, R1	Trifloxystrobin	0.010	ND	R1

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	Q3

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### Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3
Enterobacteria	NT	NT	cfu/g	Q3

### Terpenes (GCMS-MS) Analyzed: By:

Compound	%	mg/g	Q
alpha-Bisabolol	NT	NT	Q3
(-)-Borneol and (+)-Borneol	NT	NT	Q3
Camphene	NT	NT	Q3
Camphor	NT	NT	Q3
beta-Caryophyllene	NT	NT	Q3
trans-Caryophyllene	NT	NT	Q3
Caryophyllene Oxide	NT	NT	Q3
alpha-Cedrene	NT	NT	Q3
Cedrol	NT	NT	Q3
Endo-fenchyl Alcohol	NT	NT	Q3
Eucalyptol	NT	NT	Q3
Fenchone	NT	NT	Q3
Geraniol	NT	NT	Q3
Geranyl acetate	NT	NT	Q3
Guaiol	NT	NT	Q3
Hexahydrothymol	NT	NT	Q3
alpha-Humulene	NT	NT	Q3
Isoborneol	NT	NT	Q3
Isopulegol	NT	NT	Q3
Limonene	NT	NT	Q3
Linalool	NT	NT	Q3
p-Mentha-1,5-diene	NT	NT	Q3
beta-Myrcene	NT	NT	Q3
trans-Nerolidol	NT	NT	Q3
Ocimene	NT	NT	Q3
alpha-Pinene	NT	NT	Q3
beta-Pinene	NT	NT	Q3
Pulegone	NT	NT	Q3
Sabinene	NT	NT	Q3
Sabinene Hydrate	NT	NT	Q3
gamma-Terpinene	NT	NT	Q3
alpha-Terpinene	NT	NT	Q3
3-Carene	NT	NT	Q3
Terpineol	NT	NT	Q3
Terpinolene	NT	NT	Q3
Valencene	NT	NT	Q3
Nerol	NT	NT	Q3
cis-Nerolidol	NT	NT	Q3
<b>Total Terpenes</b>	NT	NT	Q3

### Water Activity (Moisture Reactor) Analyzed: By:

Compound	AW	Q
Water Activity	NT	Q3

### Moisture (Drying Oven) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	Q3

### pH Test (HannHI11310) Analyzed: By:

Compound	NA	Q
pH	NT	Q3

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### QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 Sample required dilution due to matrix. The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The associated blank spike recovery was above acceptance limits but the samples results were less than the maximal allowable concentrations or less then limit of quantitation.
- M1 Matrix spike recovery was high; the associated blank spike recovery was acceptable.
- M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.
- N1 A description of variances described in the final report. See case narrative.
- Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing require-ments.
- R1 LFB/LFBD RPD exceeded the acceptance limits, but the recovery was acceptable.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

- N1-Imazalil BS and BSD did not meet acceptance criteria.
- N1-Aldicarb, Carbaryl, Chlorpyrifos, Dimethoate, Tebuconazole MS did not meet acceptance criteria.
- N1-Methiocarb RPD did not meet acceptance criteria.

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