

BAM Botanicals, LLC

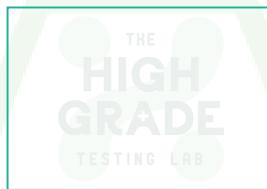
119067 Redhill Rd
Hanna, OK 74845
joy.kidd@bambotanicals.com
(682) 300-5767

Sample: 1910HGL0255.0747

Strain: Spectrum
Batch#: ; Batch Size: 5 g
Sample Received: 10/24/2019; Report Created: 10/28/2019; Expires: 11/27/2019

Spectrum

Plant, Flower - Cured, Outdoor



Cannabinoids

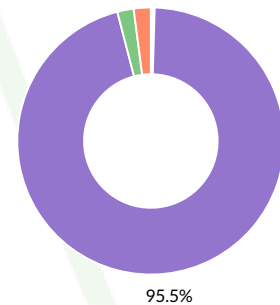
Complete

Total THC: 0.39%

Total CBD: 18.31%

Analyte	LOQ %	Mass %	Mass mg/g
THCa		0.45	4.5
Δ9-THC		ND	ND
Δ8-THC		ND	ND
THCV		ND	ND
CBDa		20.82	208.2
CBD		0.05	0.5
CBDV		ND	ND
CBN		ND	ND
CBGa		0.43	4.3
CBG		0.05	0.5
CBC		ND	ND
Total		21.81	218.1

■ CBD
 ■ CBG
 ■ CBDa
 ■ CBGa
 ■ THCa



Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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Abigail Crutchmer

Abigail Crutchmer
Lead Analyst

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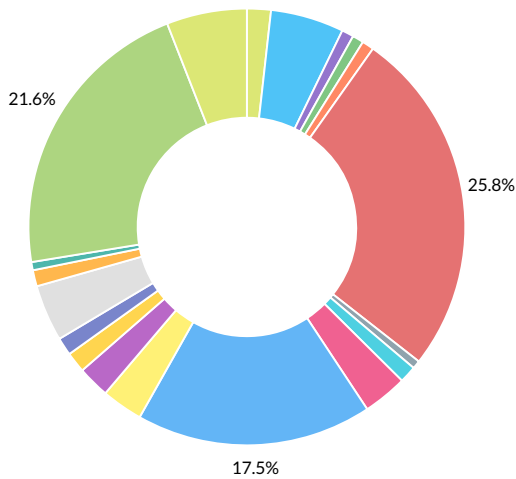
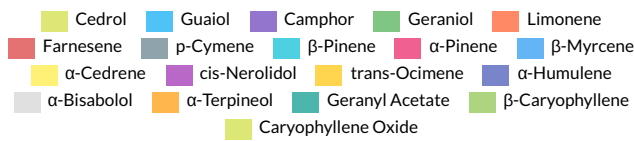
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Terpenes



Primary Aromas



Magnolia



Cinnamon



Hops



Wood



Chamomile

Analyte	LOQ	Mass	Mass
	%	%	mg/g
Farnesene	0.01	0.42	4.2
β-Caryophyllene	0.01	0.35	3.5
β-Myrcene	0.01	0.28	2.8
Caryophyllene Oxide	0.01	0.10	1.0
Guaiol	0.01	0.09	0.9
α-Bisabolol	0.01	0.07	0.7
α-Pinene	0.01	0.05	0.5
α-Cedrene	0.01	0.05	0.5
cis-Nerolidol	0.01	0.04	0.4
Cedrol	0.01	0.03	0.3
trans-Ocimene	0.01	0.02	0.2
α-Humulene	0.01	0.02	0.2
β-Pinene	0.01	0.02	0.2
α-Terpineol	0.01	0.02	0.2
Camphor	0.01	0.01	0.1
Limonene	0.01	0.01	0.1
Geraniol	0.01	0.01	0.1
Geranyl Acetate	0.01	0.01	0.1
p-Cymene	0.01	0.01	0.1
α-Phellandrene	0.01	NR	NR
α-Terpinene	0.01	NR	NR
Borneol	0.01	NR	NR
Camphene	0.01	<LOQ	<LOQ
cis-Ocimene	0.01	NR	NR
δ-3-Carene	0.01	NR	NR
Endo-Fenchyl Alcohol	0.01	NR	NR
Eucalyptol	0.01	NR	NR
Fenchone	0.01	NR	NR
γ-Terpinene	0.01	NR	NR
γ-Terpineol	0.01	NR	NR
Hexahydro Thymol	0.01	NR	NR
Isoborneol	0.01	NR	NR
Isopulegol	0.01	NR	NR
Linalool	0.01	NR	NR
Nerol	0.01	NR	NR
Pulegone	0.01	NR	NR
Sabinene	0.01	NR	NR
Sabinene Hydrate	0.01	NR	NR
Terpinolene	0.01	NR	NR
trans-Nerolidol	0.01	<LOQ	<LOQ
Valencene	0.01	<LOQ	<LOQ
Total		1.63	16.3

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Certificate of Analysis

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Solvents

Complete

Analyte	LOQ	Results	Results
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Microbials

Pass

Analyte	Limit	Results	Status
Aerobic Bacteria	CFU/g 999999	CFU/g TNTC	Pass
Yeast & Mold	10000	8800	Pass
E. Coli	1	ND	Pass
Salmonella	1	ND	Pass

Date Tested: 10/28/2019

Notes:

Sample has passed residual solvent quantitation via GC/Headspace/FID with less than 500 ppm. LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Date Tested: 10/26/2019

Aerobic plate count performed on 3M Petrifilm Aerobic Count Plates. E. coli test performed on 3M Petrifilm E. coli/Coliform Plates. Salmonella test performed on 3M MDS system. Yeast and Mold test performed on 3M Petrifilm Rapid Yeast and Mold Plate.

Heavy Metals

Pass

Analyte	LOQ	Limit	Results	Status
Arsenic	PPB 25	PPB 400	PPB ND	Pass
Cadmium	25	440	<LOQ	Pass
Lead	25	1000	ND	Pass
Mercury	10	200	ND	Pass

Foreign Matter

Not Tested

Notes:

Moisture
20.0%
Complete

Water Activity
0.78910 aw
Complete
Limit: 0.65 Aw

Date Tested: 10/25/2019

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Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Analyte	LOQ	Limit	Units	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Avermectin-B1a	0.100	0.500	ND	Pass	Myclobutanil	0.100	0.500	ND	Pass
Avermectin-B1b	0.100	0.500	ND	Pass	Permethrin	0.100	0.500	ND	Pass
Azoxystrobin	0.100	0.500	ND	Pass	Spinosyn A	0.100	0.500	ND	Pass
Bifenazate	0.100	0.500	ND	Pass	Spinosyn D	0.100	0.500	ND	Pass
Etoxazole	0.100	0.500	ND	Pass	Spiromesifen	0.100	0.500	ND	Pass
Imazalil	0.100	0.500	ND	Pass	Spirotetramat	0.100	0.500	ND	Pass
Imidacloprid	0.100	0.500	ND	Pass	Tebuconazole	0.100	0.500	ND	Pass
Malathion	0.100	0.500	ND	Pass					

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Mycotoxins

Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Total Aflatoxins	2.50	20.00	<LOQ	Pass
Total Ochratoxins	2.50	20.00	<LOQ	Pass

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