



# MEDICAL GRADE CBD AND HEMP PRODUCTS DESERVE MEDICAL GRADE TESTING

## LABORATORY CERTIFICATION OF ANALYSIS:

Sample Information	
Client ID:	S33AA-0144
Accession ID:	203000005
Sample ID:	Sweetgrass
Sample Matrix:	Plant Material - Flower
Date Received:	10/26/2020

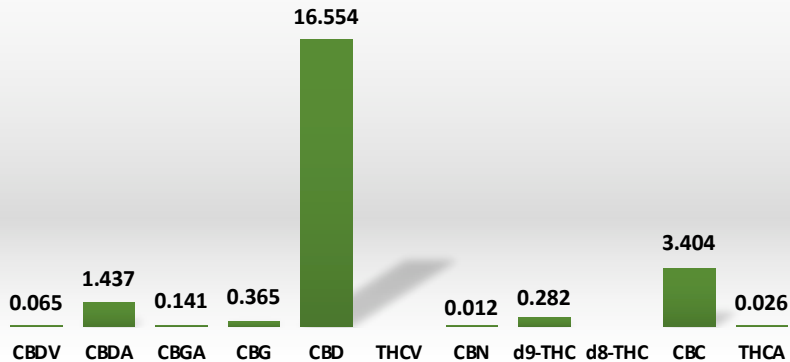
Client Information	
Name / Business	Akira Botanicals
Address:	7271 Big Pine Rd
City/State/Zip Code:	Marshall, NC 28753
Phone Number:	217.766.0921
Email Address:	<a href="mailto:rpg1007@gmail.com">rpg1007@gmail.com</a>



<b>Cannabinoid Profile Analysis</b>	<b>Test Date:</b> 10/29/20, 11/2/20, & 11/3/20	<b>Tested By:</b> JAS
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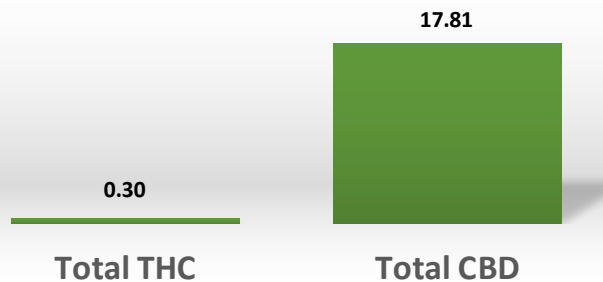
Plant material is analyzed via HPLC-DAD by dry mass with comparison to certified reference standards at known concentrations.

### Percentage of Individual Cannabinoid by Mass

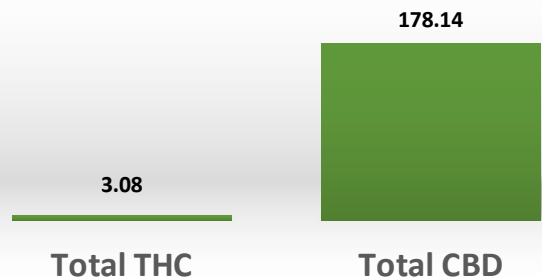


Cannabinoid	Conc. (mg/g)
CBDV	0.652
CBDA	14.365
CBGA	1.407
CBG	3.653
CBD	165.541
THCV	Not Detected
CBN	0.117
d9-THC	2.819
d8-THC	DBNQ
CBC	34.037
THCA	0.260
<b>Total Cannabinoids</b>	<b>225.851 mg/g</b>
<b>Moisture Content</b>	<b>22.59 %</b>
<b>Total CBD : Total THC Ratio</b>	
<b>29.46 :1</b>	

### Total CBD & THC Percentage



### Total CBD & THC Concentration (mg/g)



### Comments:

### Notes & Disclaimers:

- 1) Total THC = d9-THC+(THCA\*0.877), Total CBD = CBD+(CBDA\*0.877).
- 2) DBNQ = Detected but not quantifiable.
- 3) These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.
- 4) All results apply to the samples as received. Improper collection of samples can affect the validity of results and is not the responsibility of the lab.

Results Verified By: Josh Smith M.S.	Signature:	Date: 11/03/2020
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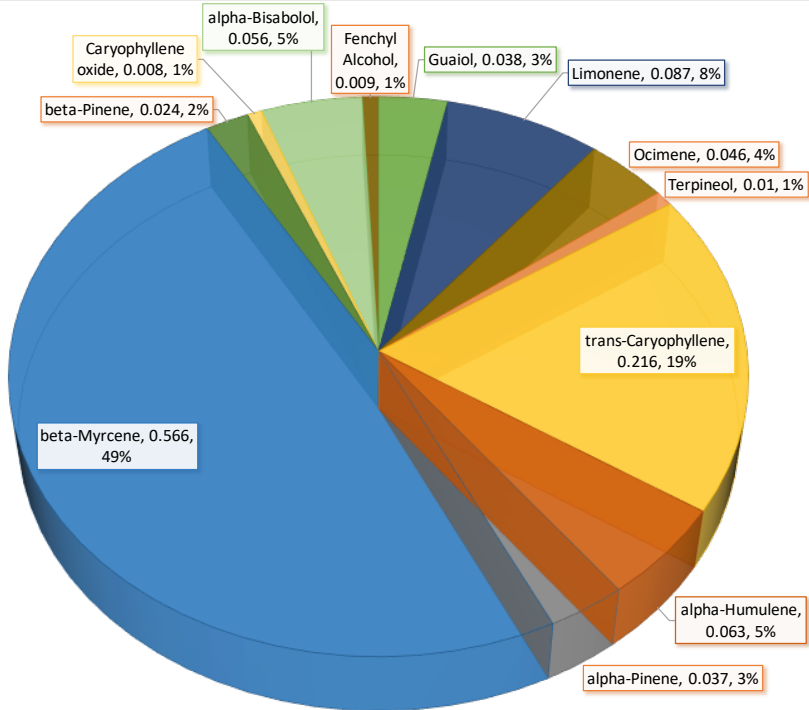
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Email Address:	<a href="mailto:rpg1007@gmail.com">rpg1007@gmail.com</a>



<b>Residual Solvent Contamination Analysis</b>	<b>Test Date(s)</b>	10/29/20
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All material is analyzed via GC/MS by sample weight and compared to certified reference standards at known concentrations.

Terpene	LOD (%)	Amount (%)
alpha-Phellandrene	0.005	Not Detected
Fenchone	0.01	Not Detected
gamma-Terpinene	0.005	Not Detected
Geraniol	0.005	Not Detected
Geranyl acetate	0.01	Not Detected
Guaiol	0.005	0.038
Limonene	0.005	0.087
Linalool	0.01	Not Detected
Nerol	0.005	Not Detected
Ocimene	0.005	0.046
Pulegone	0.005	Not Detected
Sabinene	0.005	Not Detected
Sabinene hydrate	0.01	Not Detected
Terpineol	0.005	0.01
Terpinolene	0.005	Not Detected
trans-Caryophyllene	0.005	0.216
trans-Nerolidol	0.005	Not Detected
Valencene	0.005	Not Detected
Cedrol	0.005	Not Detected
alpha-Humulene	0.005	0.063
alpha-Pinene	0.005	0.037
alpha-Terpinene	0.005	Not Detected
beta-Myrcene	0.005	0.566
beta-Pinene	0.005	0.024
Borneol	0.01	Not Detected
Camphene	0.005	Not Detected
Camphor	0.01	Not Detected
Caryophyllene oxide	0.005	0.008
alpha-Cedrene	0.005	Not Detected
alpha-Bisabolol	0.005	0.056
Isopulegol	0.01	Not Detected
cis-Nerolidol	0.005	Not Detected
3-Carene	0.005	Not Detected
Fenchyl Alcohol	0.005	0.009
Hexahydrothymol	0.005	Not Detected
Eucalyptol	0.005	Not Detected
Isoborneol	0.005	Not Detected



Comments:

Notes and disclaimers:

- 1) LOD = Limit of Detection. The lowest quantity of a substance that can be distinguished from the absence of that substance.
- 2) These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.
- 3) All results apply to the samples as received. Improper collection of samples can affect the validity of results and is not the responsibility of the lab.
- 4) All Measurements are in Parts Per Million (PPM) unless otherwise stated.

Results Verified By: Josh Smith M.S.

Signature:

Date: 11/3/20