

**Green  
Country  
Scientific**

**1404 S. Lewis Ave Ste B  
Tulsa, OK 74104  
(918) 960-3900**

Sample Date: N/A

Sample Matrix: Flower - Cured

### Cannabinoid Profile


Analysis Date/Time: 07-26-2019 12:45

Analysis Method: HPLC-PDA

Analyst: MRS

Instrument: Shimadzu Prominence

Cannabinoid		Result (mg/g)	Result (%)	Reporting Limit (mg/g)
(±)-Cannabichromene	CBC	Not Detected	0.00%	.1
Cannabidiol	CBD	Not Detected	0.00%	.1
Cannabidiolic Acid	CBDa	Not Detected	0.00%	.1
Cannabidivarin	CBDV	Not Detected	0.00%	.1
Cannabigerol	CBG	Not Detected	0.00%	.1
Cannabigerolic Acid	CBGA	Not Detected	0.00%	.1
Cannabinol	CBN	Not Detected	0.00%	.1
Tetrahydrocannabivarin	THCV	Not Detected	0.00%	.1
Δ8-Tetrahydrocannabinol	Δ8-THC	Not Detected	0.00%	.1
Δ9-Tetrahydrocannabinol	Δ9-THC	3.633	0.36%	.1
Δ9-Tetrahydrocannabinolic Acid A	THCA	144.266	14.43%	.1
Total		147.898	14.79%	



---

**\*Values for plant matter are NOT adjusted for moisture content.  
The following equations were used for the calculation of Total THC and  
Total CBD:**

$$\begin{aligned}\text{Total THC} &= (\text{THCA} \times 0.877) + \Delta 9 - \text{THC} \\ \text{Total CBD} &= (\text{CBDA} \times 0.877) + \text{CBD}\end{aligned}$$

The methods used to produce the results herein have not been evaluated by the FDA. Results are only applicable for the sample analyzed and for the specific analysis conducted.



**Certificate of Analysis - Terpenoid Profile**

Sample ID: 1907GCS0032.0872  
Sample Name: N/A

Customer Name: Sage Farms LLC  
OMMA License: GAAA-EKN9-XJZP

Lot ID: N/A  
Batch ID: N/A

Cultivar: Green Cush  
Sample Date: N/A

Date Received: 07-30-2019  
Sample Matrix: Flower - Cured

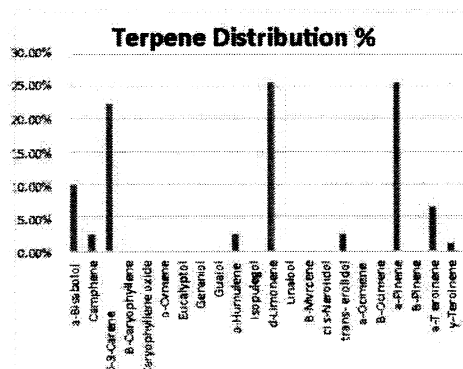
Date Reported: 07-31-2019

Analysis Date/Time: 07-31-2019 11:25  
Analyst: MRS

Analysis Method: HS-GC/MS  
Instrument: Shimadzu GC 2010

**Terpene Profile**

Terpene	Result (n/g)	Result (% total terpenes)
$\alpha$ -Bisabolol	3456	9.96%
Camphene	879	2.53%
6-3-Carene	7654	22.06%
$\beta$ -Caryophyllene	0	0.00%
Caryophyllene oxide	0	-
$\alpha$ -Cymene	-	-
Eucalyptol	0	0.00%
Geraniol	-	-
Guaiol	-	-
$\alpha$ -Humulene	876	2.52%
Isopulegol	-	-
d-Limonene	8765	25.26%
Linalool	0	0.00%
$\beta$ -Myrcene	0	0.00%
cis-Nerolidol	-	-
trans-erolidol	876	2.52%
$\alpha$ -Ocimene	0	0.00%
$\beta$ -Ocimene	0	0.00%
$\alpha$ -Pinene	8765	25.26%
$\beta$ -Pinene	0	0.00%
$\alpha$ -Terpinene	2345	6.76%
$\gamma$ -Terpinene	432	1.24%
Terpinolen	653	1.89%
<b>Totals</b>	<b>34781</b>	<b>100.00%</b>



The methods used to produce the results herein have not been evaluated by the FDA. Results are only applicable for the sample analyzed and for the specific analysis conducted.