

**SUMMARY OF ANALYSIS (SAMPLE ID: SA29151)**

**Testing Location:**

Arkansas  
232 S. Broadview St.  
Greenbrier, AR 72058  
ADH License: 113



**Order ID:** OR9116

**Lot Number:**

Not Entered

**Batch Number:**

Not Entered

**Sample Type:** Primary

**Matrix:** Industrial Hemp

**Mass:** 5g

**Date Collected:** 10/05/2020

**Date Received:** 10/05/2020

**Cultivar (Strain) or Sample Description:** CBG Stage 2

**Date Completed:** 10/09/2020

\*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed.

Moisture Content (%)	PASS/FAIL	Water Activity (aw)	PASS/FAIL
Not Tested	N/A	Not Tested	N/A

<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg/g</u>
CBG	65.7	657
CBC	4.97	50
CBGa	3.51	35
TOTAL CBD	2.83	28
TOTAL THC	1.15	12
TOTAL CANNABINOIDS	79.3	793

<u>Contaminants</u>	<u>PASS/FAIL</u>
Visual Inspection:	<b>PASS</b>



Scan the QR code to verify results.

This information is provided as a service and makes no claims of efficacy and/or safety of this product.  
Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.  
This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.  
The statements and results herein have not been approved and/or endorsed by the FDA.

**REPORT OF LABORATORY ANALYSIS**

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*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA29151)

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CANNABINOID (POTENCY) PROFILE

**Analysis Date/Time:** 10/06/2020 1528

**Method:** HPLC/DAD

**Moisture Content (%):** -

**Analyst:** PW

**Instrument:** Agilent 1100

**Water Activity (aw):** -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	2.71	27.1	0.494	-	27
CBDa	0.133	1.33	0.494	-	1.33
CBDv	1.15	11.5	0.494	-	12
Δ9-THC	1.15	11.5	0.494	-	12
Δ8-THC	-	-	0.494	-	-
THCa	-	-	0.494	-	-
THCv	-	-	0.494	-	-
CBC	4.97	49.7	0.494	-	50
CBG	65.7	657	0.494	-	657
CBGa	3.51	35.1	0.494	-	35
CBN	-	-	0.494	-	-
<b>TOTAL</b>	<b>79.3</b>	<b>793</b>			<b>793</b>
<b>TOTAL THC</b>	<b>1.15</b>	<b>11.5</b>			<b>12</b>
<b>TOTAL CBD</b>	<b>2.83</b>	<b>28</b>			<b>28</b>

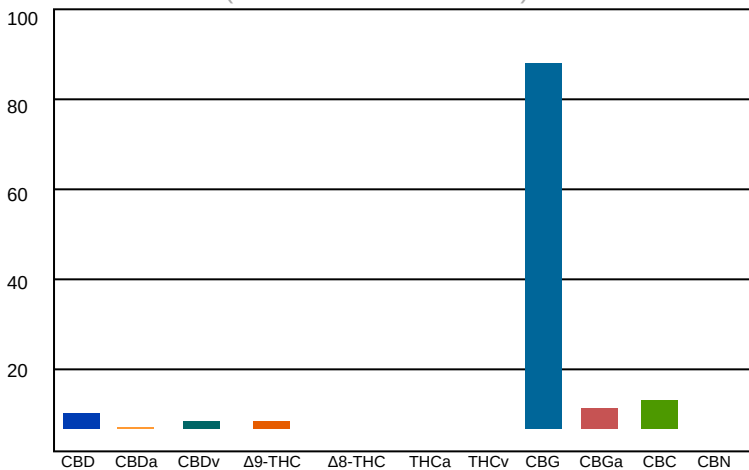


**UNIT MASS (g):** 1

"-" Not detected above RL.

**Cannabinoid Distribution**

(% of Total Cannabinoids)



Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%

Replicate Uncertainties: <5% RSD, <20% RPD

Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ9-THC

Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.

mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

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