




**Customer:** Woodstock Hemp Co.  
**Product Identity:** CBD live resin batch AGR831-R31  
**Client/Metric ID:** -  
**Laboratory ID:** 23-007734-0002

## Summary

### Potency:

Analyte	Result (%)			
CBD-A	68.5		● CBD-A	
CBD	4.05		● CBD	
CBC-A	1.90		● CBC-A	
THC-A	1.46		● THC-A	
CBG-A	0.634		● CBG-A	
Δ9-THC	0.283		● Δ9-THC	
CBDV-A	0.271		● CBDV-A	
CBC	0.251		● CBC	
CBG	0.110		● CBG	
			<b>CBD-Total</b>	<b>64.1%</b>
			<b>THC-Total</b>	<b>1.86%</b>
(Reported in percent of total sample)				

### Residual Solvents:

All analytes passing and less than LOQ.

### Pesticides:

All analytes passing and less than LOQ.

### Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
β-Myrcene	2.30	25.73%	(R)-(+)-Limonene	1.47	16.44%
β-Caryophyllene	1.36	15.21%	Humulene	0.682	7.63%
Terpinolene	0.535	5.96%	α-pinene	0.515	5.76%
valencene	0.416	4.65%	(-)-β-Pinene	0.289	3.23%
Linalool	0.260	2.91%	α-Bisabolol	0.260	2.91%
(-)-Guaial	0.201	2.25%	trans-β-Ocimene	0.116	1.30%
(-)-α-Terpineol	0.115	1.29%	(-)-caryophyllene oxide	0.114	1.28%
(+)-fenchol	0.109	1.22%	(±)-trans-Nerolidol	0.0537	0.60%
α-phellandrene	0.0448	0.50%	d-3-Carene	0.0258	0.29%
Camphene	0.0250	0.28%	α-Terpinene	0.0235	0.26%
gamma-Terpinene	0.0204	0.23%	cis-β-Ocimene	0.00658	0.07%
<b>Total Terpenes</b>	<b>8.94</b>	<b>100.00%</b>			

### Metals:

Less than LOQ for all analytes.

### Microbiology:

Less than LOQ for all analytes.



**Customer:** Woodstock Hemp Co.  
**Product identity:** CBD live resin batch AGR831-R31  
**Client/Metric ID:** -  
**Sample Date:**  
**Laboratory ID:** 23-007734-0002  
**Evidence of Cooling:** No  
**Temp:** 22.8 °C  
**Relinquished by:** Client



### Sample Results

Polency	Method: J AOAC 2015 V98-6 (mod)		Units %	Batch: 2308732	Analyze: 7/1/23 2:13:00 AM
Analyte	As Received	Dry weight	LOQ	Notes	
CBC	0.251		0.0695		
CBC-A	1.90		0.0695		
CBC-Total	1.92		0.130		
CBD <sup>-</sup>	4.05		0.0695		
CBD-A <sup>-</sup>	68.5		0.695		
CBD-Total	64.1		0.679		
CBDV	< LOQ		0.0695		
CBDV-A	0.271		0.0695		
CBDV-Total	0.235		0.130		
CBE	< LOQ		0.0695		
CBG	0.110		0.0695		
CBG-A	0.634		0.0695		
CBG-Total	0.667		0.130		
CBL	< LOQ		0.0695		
CBL-A	< LOQ		0.0695		
CBL-Total	< LOQ		0.130		
CBN	< LOQ		0.0695		
CBT	< LOQ		0.0695		
Δ10-THC-9R	< LOQ		0.0695		
Δ10-THC-9S	< LOQ		0.0695		
Δ10-THC-Total	< LOQ		0.139		
Δ8-THC <sup>-</sup>	< LOQ		0.0695		
Δ8-THCV	< LOQ		0.0695		
Δ9-THC <sup>-</sup>	0.283		0.0695		
delta-9-THCP	< LOQ		0.0695		
exo-THC	< LOQ		0.0695		
THC-A <sup>-</sup>	1.46		0.0695		
THC-Total	1.86		0.130		
THCV	< LOQ		0.0695		
THCV-A	< LOQ		0.0695		
THCV-Total	< LOQ		0.130		
<b>Total Cannabinoids</b>	<b>77.5</b>				


**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2308694	07/02/23 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2308694	07/02/23 AOAC 2014.05 (RAPID)		
Salmonella spp. by PCR <sup>2</sup>	Negative		/g		2308697	07/02/23 AOAC 2020.02 <sup>2</sup>		I

**Solvents Method: Residual Solvents by GC/MS Units µg/g Batch 2308778 Analyze 07/05/23 10:02 AM**

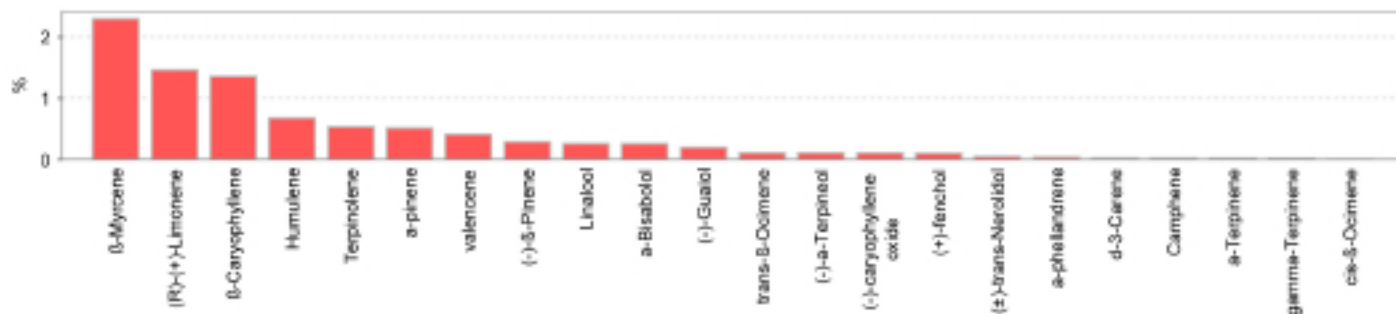
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane <sup>4</sup>	< LOQ	380	100	pass		2-Butanol <sup>4</sup>	< LOQ	5000	200	pass	
2-Ethoxyethanol <sup>4</sup>	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA) <sup>4</sup>	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone <sup>4</sup>	< LOQ	5000	200	pass		Acetonitrile <sup>4</sup>	< LOQ	410	100	pass	
Benzene <sup>4</sup>	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane <sup>4</sup>	< LOQ	3880	200	pass		Ethyl acetate <sup>4</sup>	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether <sup>4</sup>	< LOQ	5000	200	pass	
Ethylene glycol <sup>4</sup>	< LOQ	620	200	pass		Ethylene oxide <sup>4</sup>	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate <sup>4</sup>	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene) <sup>4</sup>	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol <sup>4</sup>	< LOQ	3000	200	pass		Methylene chloride <sup>4</sup>	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane <sup>4</sup>	< LOQ		200		
n-Heptane <sup>4</sup>	< LOQ	5000	200	pass		n-Hexane <sup>4</sup>	< LOQ		30.0		
n-Pentane <sup>4</sup>	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane <sup>4</sup>	< LOQ	5000	200	pass	
Tetrahydrofuran <sup>4</sup>	< LOQ	720	100	pass		Toluene <sup>4</sup>	< LOQ	890	100	pass	
Total Xylenes <sup>4</sup>	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	



Pesticides					Method: AOAC 2007.01 & EN 15662 (mod)					Units mg/kg Batch 2308823					Analyze 07/06/23 11:13 AM				
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes		
Abamectin <sup>†</sup>	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.200	pass		Acephate	< LOQ	0.40	0.200	pass			
Acequinocyl <sup>†</sup>	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass		Acetamiprid	< LOQ	0.20	0.100	pass			
Aldicarb <sup>†</sup>	< LOQ	0.40	0.200	pass		Azoxystrobin <sup>†</sup>	< LOQ	0.20	0.100	pass		Azoxystrobin <sup>†</sup>	< LOQ	0.20	0.100	pass			
Bifenazate <sup>†</sup>	< LOQ	0.20	0.100	pass		Bifenthrin <sup>†</sup>	< LOQ	0.20	0.100	pass		Bifenthrin <sup>†</sup>	< LOQ	0.20	0.100	pass			
Boscalid <sup>†</sup>	< LOQ	0.40	0.200	pass		Carbaryl <sup>†</sup>	< LOQ	0.20	0.100	pass		Carbaryl <sup>†</sup>	< LOQ	0.20	0.100	pass			
Carbofuran <sup>†</sup>	< LOQ	0.20	0.100	pass		Chlorantraniliprole <sup>†</sup>	< LOQ	0.20	0.100	pass		Chlorantraniliprole <sup>†</sup>	< LOQ	0.20	0.100	pass			
Chlorfenapyr <sup>†</sup>	< LOQ	1.0	0.500	pass		Chlorpyrifos <sup>†</sup>	< LOQ	0.20	0.100	pass		Chlorpyrifos <sup>†</sup>	< LOQ	0.20	0.100	pass			
Clofentezine <sup>†</sup>	< LOQ	0.20	0.100	pass		Cyfluthrin <sup>†</sup>	< LOQ	1.0	0.500	pass		Cyfluthrin <sup>†</sup>	< LOQ	1.0	0.500	pass			
Cypermethrin <sup>†</sup>	< LOQ	1.0	0.500	pass		Daminozide <sup>†</sup>	< LOQ	1.0	0.500	pass		Daminozide <sup>†</sup>	< LOQ	1.0	0.500	pass			
Diazinon <sup>†</sup>	< LOQ	0.20	0.100	pass		Dichlorvos <sup>†</sup>	< LOQ	1.0	0.500	pass		Dichlorvos <sup>†</sup>	< LOQ	1.0	0.500	pass			
Dimethoate <sup>†</sup>	< LOQ	0.20	0.100	pass		Ethoprophos <sup>†</sup>	< LOQ	0.20	0.100	pass		Ethoprophos <sup>†</sup>	< LOQ	0.20	0.100	pass			
Etofenprox <sup>†</sup>	< LOQ	0.40	0.200	pass		Etoazole <sup>†</sup>	< LOQ	0.20	0.100	pass		Etoazole <sup>†</sup>	< LOQ	0.20	0.100	pass			
Fenoxycarb <sup>†</sup>	< LOQ	0.20	0.100	pass		Fenpyroximate <sup>†</sup>	< LOQ	0.40	0.200	pass		Fenpyroximate <sup>†</sup>	< LOQ	0.40	0.200	pass			
Fipronil <sup>†</sup>	< LOQ	0.40	0.200	pass		Flonicamid <sup>†</sup>	< LOQ	1.0	0.400	pass		Flonicamid <sup>†</sup>	< LOQ	1.0	0.400	pass			
Fludoxonil <sup>†</sup>	< LOQ	0.40	0.200	pass		Hexythiazox <sup>†</sup>	< LOQ	1.0	0.400	pass		Hexythiazox <sup>†</sup>	< LOQ	1.0	0.400	pass			
Imazali <sup>†</sup>	< LOQ	0.20	0.100	pass		Imidacloprid <sup>†</sup>	< LOQ	0.40	0.200	pass		Imidacloprid <sup>†</sup>	< LOQ	0.40	0.200	pass			
Kresoxim-methyl <sup>†</sup>	< LOQ	0.40	0.200	pass		Malathion <sup>†</sup>	< LOQ	0.20	0.100	pass		Malathion <sup>†</sup>	< LOQ	0.20	0.100	pass			
Metalaxyl <sup>†</sup>	< LOQ	0.20	0.100	pass		Methiocarb <sup>†</sup>	< LOQ	0.20	0.100	pass		Methiocarb <sup>†</sup>	< LOQ	0.20	0.100	pass			
Methomyl <sup>†</sup>	< LOQ	0.40	0.200	pass		MGK-264 <sup>†</sup>	< LOQ	0.20	0.100	pass		MGK-264 <sup>†</sup>	< LOQ	0.20	0.100	pass			
Myclobutanil <sup>†</sup>	< LOQ	0.20	0.100	pass		Naled <sup>†</sup>	< LOQ	0.50	0.250	pass		Naled <sup>†</sup>	< LOQ	0.50	0.250	pass			
Oxamyl <sup>†</sup>	< LOQ	1.0	0.500	pass		Paclobutrazole <sup>†</sup>	< LOQ	0.40	0.200	pass		Paclobutrazole <sup>†</sup>	< LOQ	0.40	0.200	pass			
Parathion-Methyl <sup>†</sup>	< LOQ	0.20	0.100	pass		Permethrin <sup>†</sup>	< LOQ	0.20	0.100	pass		Permethrin <sup>†</sup>	< LOQ	0.20	0.100	pass			
Phosmet <sup>†</sup>	< LOQ	0.20	0.100	pass		Piperonyl butoxide <sup>†</sup>	< LOQ	2.0	1.00	pass		Piperonyl butoxide <sup>†</sup>	< LOQ	2.0	1.00	pass			
Prallethrin <sup>†</sup>	< LOQ	0.20	0.100	pass		Propiconazole <sup>†</sup>	< LOQ	0.40	0.200	pass		Propiconazole <sup>†</sup>	< LOQ	0.40	0.200	pass			
Propoxur <sup>†</sup>	< LOQ	0.20	0.100	pass		Pyrethrin I (total) <sup>†</sup>	< LOQ	1.0	0.500	pass		Pyrethrin I (total) <sup>†</sup>	< LOQ	1.0	0.500	pass			
Pyridaben <sup>†</sup>	< LOQ	0.20	0.100	pass		Sphosad <sup>†</sup>	< LOQ	0.20	0.100	pass		Sphosad <sup>†</sup>	< LOQ	0.20	0.100	pass			
Spiromesifen <sup>†</sup>	< LOQ	0.20	0.100	pass		Spirotetramat <sup>†</sup>	< LOQ	0.20	0.100	pass		Spirotetramat <sup>†</sup>	< LOQ	0.20	0.100	pass			
Spiroxamine <sup>†</sup>	< LOQ	0.40	0.200	pass		Tebuconazole <sup>†</sup>	< LOQ	0.40	0.200	pass		Tebuconazole <sup>†</sup>	< LOQ	0.40	0.200	pass			
Thiacloprid <sup>†</sup>	< LOQ	0.20	0.100	pass		Thiamethoxam <sup>†</sup>	< LOQ	0.20	0.100	pass		Thiamethoxam <sup>†</sup>	< LOQ	0.20	0.100	pass			
Trifloxystrobin <sup>†</sup>	< LOQ	0.20	0.100	pass															



Terpenes				Method: J AOAC 2015 V98-6	Units %	Batch 2308788	Analyze 07/03/23 08:21 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Myrcene	2.30	0.019	25.73%		(R)-(+)-Limonene	1.47	0.019	16.44%	
β-Caryophyllene	1.36	0.019	15.21%		Humulene	0.682	0.019	7.629%	
Terpinolene	0.535	0.019	5.984%		α-pinene	0.515	0.019	5.761%	
valencene	0.416	0.019	4.653%		(-)-β-Pinene	0.289	0.019	3.233%	
Linalool	0.260	0.019	2.908%		α-Bisabolol	0.260	0.019	2.908%	
(-)-Guaiol	0.201	0.019	2.248%		trans-β-Ocimene	0.116	0.013	1.298%	
(-)-α-Terpineol	0.115	0.019	1.286%		(-)-caryophyllene oxide	0.114	0.019	1.275%	
(+)-fenchol	0.109	0.019	1.219%		(±)-trans-Nerolidol	0.0537	0.019	0.6007%	
α-phellandrene	0.0448	0.019	0.5011%		d-3-Carene	0.0258	0.019	0.2886%	
Camphene	0.0250	0.019	0.2796%		α-Terpinene	0.0235	0.019	0.2629%	
gamma-Terpinene	0.0204	0.019	0.2282%		p-Cymene	< LOQ	0.019	0.00%	
Geraniol	< LOQ	0.019	0.00%		(±)-fenchone	< LOQ	0.019	0.00%	
(+)-Borneol	< LOQ	0.019	0.00%		cis-β-Ocimene	0.00658	0.006		
Eucalyptol	< LOQ	0.019	0.00%		Sabinene hydrate	< LOQ	0.019	0.00%	
(±)-Camphor	< LOQ	0.019	0.00%		(+)-Pulegone	< LOQ	0.019	0.00%	
(-)-Isopulegol	< LOQ	0.019	0.00%		(+)-Cedrol	< LOQ	0.019	0.00%	
(±)-cis-Nerolidol	< LOQ	0.019	0.00%		α-cedrene	< LOQ	0.019	0.00%	
farnesene	< LOQ	0.019	0.00%		Geranyl acetate	< LOQ	0.019	0.00%	
isoborneol	< LOQ	0.019	0.00%		Menthol	< LOQ	0.019	0.00%	
nerol	< LOQ	0.019	0.00%		Sabinene	< LOQ	0.019	0.00%	
<b>Total Terpenes</b>	<b>8.94</b>								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes	
Arsenic*	< LOQ	0.200	mg/kg	0.0761	2308677	07/07/23 AOAC 2013.06 (mod.) <sup>†</sup>	pass		
Cadmium*	< LOQ	0.200	mg/kg	0.0761	2308677	07/07/23 AOAC 2013.06 (mod.) <sup>†</sup>	pass		
Lead*	< LOQ	0.500	mg/kg	0.0761	2308677	07/07/23 AOAC 2013.06 (mod.) <sup>†</sup>	pass		
Mercury*	< LOQ	0.100	mg/kg	0.0381	2308677	07/07/23 AOAC 2013.06 (mod.) <sup>†</sup>	pass		




**Mycotoxins**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B2 <sup>u</sup>	< LOQ		µg/kg	5.00	2308802	07/06/23 AOAC 2007.01 & EN 15662 (mod)P		
Aflatoxin B1 <sup>u</sup>	< LOQ		µg/kg	5.00	2308802	07/06/23 AOAC 2007.01 & EN 15662 (mod)P		
Aflatoxin G1 <sup>u</sup>	< LOQ		µg/kg	5.00	2308802	07/06/23 AOAC 2007.01 & EN 15662 (mod)P		
Aflatoxin G2 <sup>u</sup>	< LOQ		µg/kg	5.00	2308802	07/06/23 AOAC 2007.01 & EN 15662 (mod)P		
Ochratoxin A <sup>u</sup>	< LOQ	20.0	µg/kg	5.00	2308802	07/06/23 AOAC 2007.01 & EN 15662 (mod)P	pass	
Total Aflatoxins	0.000	20.0	µg/kg	20.0		07/07/23 AOAC 2007.01 & EN 15662 (mod)	pass	



### Abbreviations

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

▷ = ISO/IEC 17025:2017 accredited method.

\* = TNI accredited analyte.

### Units of Measure

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

mg/kg = Milligram per kilogram = parts per million (ppm)

/g = Per gram

% = Percentage of sample

% wt = µg/g divided by 10,000

### Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

Approved Signatory

Derrick Tanner  
General Manager

