



## TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>Batch Date: 10/06/2023</b>	<b>Batch #: 1084173-2023-1006</b>	<b>NR:</b> Not Reported <b>NA:</b> Not Applicable
<b>Product Name: 3,000 mg CBD Full-Spectrum Salve 60 Gram (2.12 oz.) Natural Unscented</b>		<b>LOQ:</b> Limit Of Quantitation <b>LOD:</b> Limit Of Detection
<b>Expiration Date: 10/06/2025</b>	<b>Batch Size: 311 Units</b>	1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg
<b>Testing Lab: Columbia Labs</b>	<b>ORELAP Lab #: OR100028</b>	

POTENCY <b>PASS</b>	Per Container	Total Percent	Regulatory Action Level
<b>Cannabidiol (CBD)</b>	3,250 mg	5.42 %	N/A
<b>Total THC (d9-THC + d8-THC)</b>	147 mg	0.245 %	0.30%
<b>Cannabigerol (CBG)</b>	24.6 mg	0.041 %	N/A
<b>Cannabinol (CBN)</b>	20.9 mg	0.035 %	N/A
<b>Cannabichromene (CBC)</b>	15.1 mg	0.025 %	N/A

HEAVY METALS <b>PASS</b>	Pass/Fail
<b>Arsenic</b>	<b>PASS</b>
<b>Cadmium</b>	<b>PASS</b>
<b>Lead</b>	<b>PASS</b>
<b>Mercury</b>	<b>PASS</b>

PESTICIDES <b>PASS</b>	Regulatory Action Level
<b>ZERO</b> of 59 pesticides tested found above limit of detection in the sample.	10 ppb <sup>[3]</sup>

RESIDUAL SOLVENTS <b>PASS</b>
<b>ZERO</b> of 38 residual solvents tested found above limit of detection in the sample.

MICROBIAL <b>PASS</b>	Pass/Fail
<b>Aerobic Plate Count</b>	<b>PASS</b>
<b>Ecoli 0157</b>	<b>PASS</b>
<b>Total Coliforms</b>	<b>PASS</b>
<b>Salmonella spp.</b>	<b>PASS</b>
<b>Staphylococcus</b>	<b>PASS</b>
<b>Yeast and Mold</b>	<b>PASS</b>

1. Agency for Toxic Substances & Disease Registry. (2020). "Minimal Risk Levels (MRLs) for Hazardous Substances". Atlanta, GA: ATSDR. <https://www.atsdr.cdc.gov/mrls/mrlist.asp#24tag>

2. US Food and Drug Administration. (2020). "Lead in Food, Foodwares, and Dietary Supplements". Washington DC: FDA. <https://www.fda.gov/food/metals-and-your-food/lead-food-foodwares-and-dietary-supplements>

3. Oregon Department of Agriculture. (2020). "Cannabis and Pesticides". Salem, OR: ODA. <https://www.oregon.gov/ODA/programs/Pesticides/Pages/CannabisPesticides.aspx>



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794



**Report Number:** 23-011980/D007.R000  
**Report Date:** 10/20/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/09/23 10:06

**Customer:** Alliant Hemp LLC  
**Product identity:** 1084173-2023-1006  
**Client/Metric ID:** .  
**Laboratory ID:** 23-011980-0001

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBC	0.0251		%		CBD-Total per Serving Size 3250 mg/60g
CBD	5.42		%		
CBDV	0.0217		%		THC-Total per Serving Size 147 mg/60g
CBE	0.0862		%		(Reported in milligrams per serving)
CBG	0.0410		%		
CBL	0.00699		%		
CBN	0.0348		%		
CBT	0.137		%		
Δ9-THC	0.245		%		
Analyte per 60g	Result	Limits	Units	Status	
CBC per 60g	15.1		mg/60g		
CBD per 60g	3250		mg/60g		
CBDV per 60g	13.0		mg/60g		
CBE per 60g	51.7		mg/60g		
CBG per 60g	24.6		mg/60g		
CBL per 60g	4.19		mg/60g		
CBN per 60g	20.9		mg/60g		
CBT per 60g	82.2		mg/60g		
Δ9-THC per 60g	147		mg/60g		

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Microbiology:**

Less than LOQ for all analytes.



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**Customer:** Alliant Hemp LLC  
**Product identity:** 1084173-2023-1006  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 23-011980-0001  
**Evidence of Cooling:** No  
**Temp:** 20.7 °C  
**Relinquished by:** client  
**Serving Size #1:** 60 g

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)	Units %	Batch: 2311823	Analyze: 10/12/23 8:09:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0251		%	0.00314	
CBC-A	< LOQ		%	0.00314	
CBC-Total	0.0251		%	0.00590	
CBD <sup>±</sup>	5.42		%	0.0314	
CBD-A <sup>±</sup>	< LOQ		%	0.00314	
CBD-Total	5.42		%	0.0342	
CBDV	0.0217		%	0.00314	
CBDV-A	< LOQ		%	0.00314	
CBDV-Total	0.0217		%	0.00587	
CBE	0.0862		%	0.00314	
CBG	0.0410		%	0.00314	
CBG-A	< LOQ		%	0.00314	
CBG-Total	0.0410		%	0.00587	
CBL	0.00699		%	0.00314	
CBL-A	< LOQ		%	0.00314	
CBL-Total	0.00699		%	0.00590	
CBN	0.0348		%	0.00314	
CBT	0.137		%	0.00314	
Δ8-THCV	< LOQ		%	0.00314	
Δ10-THC-9R	< LOQ		%	0.00314	
Δ10-THC-9S	< LOQ		%	0.00314	
Δ10-THC-Total	< LOQ		%	0.00629	
Δ8-THC <sup>±</sup>	< LOQ		%	0.00314	
Δ9-THC <sup>±</sup>	0.245		%	0.00314	
delta-9-THCP	< LOQ		%	0.00314	
exo-THC	< LOQ		%	0.00314	
THC-A <sup>±</sup>	< LOQ		%	0.00314	
THC-Total	0.245		%	0.00590	
THCV	< LOQ		%	0.00314	
THCV-A	< LOQ		%	0.00314	
THCV-Total	< LOQ		%	0.00587	
<b>Total Cannabinoids</b>	<b>6.02</b>		%		



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Potency per 60g      **Method:** J AOAC 2015 V98-6 (mod)      **Units mg/se** **Batch:** 2311823      **Analyze:** 10/12/23 8:09:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 60g	15.1		mg/60g	1.89	
CBC-A per 60g	< LOQ		mg/60g	1.89	
CBC-Total per 60g	15.1		mg/60g	3.54	
CBD per 60g	3250		mg/60g	18.9	
CBD-A per 60g <sup>±</sup>	< LOQ		mg/60g	1.89	
CBD-Total per 60g <sup>±</sup>	3250		mg/60g	20.5	
CBDV per 60g	13.0		mg/60g	1.89	
CBDV-A per 60g	< LOQ		mg/60g	1.89	
CBDV-Total per 60g	13.0		mg/60g	3.52	
CBE per 60g	51.7		mg/60g	1.89	
CBG per 60g	24.6		mg/60g	1.89	
CBG-A per 60g	< LOQ		mg/60g	1.89	
CBG-Total per 60g	24.6		mg/60g	3.52	
CBL per 60g	4.19		mg/60g	1.89	
CBL-A per 60g	< LOQ		mg/60g	1.89	
CBL-Total per 60g	4.19		mg/60g	3.54	
CBN per 60g	20.9		mg/60g	1.89	
CBT per 60g	82.2		mg/60g	1.89	
Δ8-THCV per 60g	< LOQ		mg/60g	1.89	
Δ10-THC-9R per 60g	< LOQ		mg/60g	1.89	
Δ10-THC-9S per 60g	< LOQ		mg/60g	1.89	
Δ10-THC-Total per 60g	< LOQ		mg/60g	3.77	
Δ8-THC per 60g <sup>±</sup>	< LOQ		mg/60g	1.89	
Δ9-THC per 60g <sup>±</sup>	147		mg/60g	1.89	
delta-9-THCP per 60g	< LOQ		mg/60g	1.89	
exo-THC per 60g	< LOQ		mg/60g	1.89	
THC-A per 60g <sup>±</sup>	< LOQ		mg/60g	1.89	
THC-Total per 60g	147		mg/60g	3.54	
THCV per 60g	< LOQ		mg/60g	1.89	
THCV-A per 60g	< LOQ		mg/60g	1.89	
THCV-Total per 60g	< LOQ		mg/60g	3.54	
Total Cannabinoids per 60g	3610		mg/60g		

**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2311842	10/16/23 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2311840	10/16/23 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2311840	10/16/23 AOAC 991.14 (Petrifilm)		
Staphylococcus aureus	< LOQ		cfu/g	10	2311843	10/15/23 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2311841	10/16/23 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2311841	10/16/23 AOAC 2014.05 (RAPID)		
Salmonella spp. by PCR*	Negative		/g		2311844	10/15/23 AOAC 2020.02 <sup>b</sup>		I



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Solvents											Method: Residual Solvents by GC/MS <sup>b</sup>					Units µg/g		Batch 2312008		Analyze 10/19/23 01:43 PM				
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes													
1,4-Dioxane <sup>‡</sup>	< LOQ	380	100	pass		2-Butanol <sup>‡</sup>	< LOQ	5000	200	pass														
2-Ethoxyethanol <sup>‡</sup>	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200															
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA) <sup>‡</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>‡</sup>	< LOQ	5000	200	pass		Acetonitrile <sup>‡</sup>	< LOQ	410	100	pass														
Benzene <sup>‡</sup>	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass														
Cyclohexane <sup>‡</sup>	< LOQ	3880	200	pass		Ethyl acetate <sup>‡</sup>	< LOQ	5000	200	pass														
Ethyl benzene	< LOQ		200			Ethyl ether <sup>‡</sup>	< LOQ	5000	200	pass														
Ethylene glycol <sup>‡</sup>	< LOQ	620	200	pass		Ethylene oxide <sup>‡</sup>	< LOQ	50.0	20.0	pass														
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate <sup>‡</sup>	< LOQ	5000	200	pass														
Isopropylbenzene (Cumene) <sup>‡</sup>	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200															
Methanol <sup>‡</sup>	< LOQ	3000	200	pass		Methylene chloride <sup>‡</sup>	< LOQ	600	60.0	pass														
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200															
n-Heptane <sup>‡</sup>	< LOQ	5000	200	pass		n-Hexane <sup>‡</sup>	< LOQ		30.0															
n-Pentane <sup>‡</sup>	< LOQ		200			o-Xylene	< LOQ		200															
Pentanes (sum)	< LOQ	5000	600	pass		Propane <sup>‡</sup>	< LOQ	5000	200	pass														
Tetrahydrofuran <sup>‡</sup>	< LOQ	720	100	pass		Toluene <sup>‡</sup>	< LOQ	890	100	pass														
Total Xylenes <sup>‡</sup>	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass														



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)					Units mg/kg		Batch 2311876		Analyze 10/16/23 01:06 PM		
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	
Acequinocyl <sup>‡</sup>	< LOQ	2.0	1.00	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	
Bifentazate <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	
Carbofuran <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	
Clofentezine <sup>‡</sup>	< LOQ	0.20	0.100	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	
Diazinon <sup>‡</sup>	< LOQ	0.20	0.100	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	
Etofenprox <sup>‡</sup>	< LOQ	0.40	0.200	pass		Etoxazole <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	
Fipronil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Fonicamid <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Fludioxonil <sup>‡</sup>	< LOQ	0.40	0.200	pass		Hexythiazox <sup>‡</sup>	< LOQ	1.0	0.400	pass	
Imazalil <sup>‡</sup>	< LOQ	0.20	0.100	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	
Metalaxyl <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	
Myclobutanil <sup>‡</sup>	< LOQ	0.20	0.100	pass		Naled <sup>‡</sup>	< LOQ	0.50	0.250	pass	
Oxamyl <sup>‡</sup>	< LOQ	1.0	0.500	pass		Paclobotrazole <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	
Phosmet <sup>‡</sup>	< LOQ	0.20	0.100	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	
Propoxur <sup>‡</sup>	< LOQ	0.20	0.100	pass		Pyrethrin I (total) <sup>‡</sup>	< LOQ	1.0	0.500	pass	
Pyridaben <sup>‡</sup>	< LOQ	0.20	0.100	pass		Spinosad <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	
Spiroxamine <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	
Trifloxystrobin <sup>‡</sup>	< LOQ	0.20	0.100	pass							



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### 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

g = g

µg/g = Microgram per gram

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

mg/60g = Milligram per 60g

/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



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