



TEST RESULTS SUMMARY

Please see the following pages for full test results.

Batch Date: 02/01/2024	Batch #: 1084173-2024-0201	NR: Not Reported NA: Not Applicable
Product Name: 3,000 mg CBD Full-Spectrum Salve 60 Gram (2.12 oz.) Natural Unscented		LOQ: Limit Of Quantitation LOD: Limit Of Detection
Expiration Date: 02/01/2026	Batch Size: 1,187 Units	1 g = 10 ⁻³ kg = 10 ³ mg = 10 ⁶ µg
Testing Lab: Columbia Labs	ORELAP Lab #: OR100028	

POTENCY PASS	Per Container	Total Percent	Regulatory Action Level
Cannabidiol (CBD)	3,050 mg	5.08 %	N/A
Total THC (d9-THC + d8-THC)	149 mg	0.248 %	0.30%
Cannabigerol (CBG)	19.9 mg	0.033 %	N/A
Cannabinol (CBN)	16.9 mg	0.028 %	N/A
Cannabichromene (CBC)	11.9 mg	0.020 %	N/A

HEAVY METALS PASS	Pass/Fail
Arsenic	PASS
Cadmium	PASS
Lead	PASS
Mercury	PASS

PESTICIDES PASS	Regulatory Action Level
ZERO of 59 pesticides tested found above limit of detection in the sample.	10 ppb ^[3]

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

MICROBIAL PASS	Pass/Fail
Aerobic Plate Count	PASS
E.coli	PASS
Total Coliforms	PASS
Staphylococcus aureus	PASS
Mold	PASS
Yeast	PASS
Salmonella	PASS

1. Agency for Toxic Substances & Disease Registry. (2020). "Minimal Risk Levels (MRLs) for Hazardous Substances". Atlanta, GA: ATSDR. <https://www.atsdr.cdc.gov/mrls/mrlslist.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: 24-001150/D006.R000
Report Date: 02/13/2024
ORELAP#: OR100028
Purchase Order:
Received: 02/02/24 09:17

Customer: Alliant Hemp LLC
Product identity: 1084173-2024-0201
Client/Metric ID: .
Laboratory ID: 24-001150-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBC	0.0198		%		CBD-Total per Serving Size 3050 mg/60g
CBD	5.08		%		
CBDV	0.0180		%		THC-Total per Serving Size 149 mg/60g
CBE	0.0759		%		(Reported in milligrams per serving)
CBG	0.0331		%		
CBN	0.0282		%		
CBT	0.102		%		
Δ9-THC	0.248		%		
Analyte per 60g	Result	Limits	Units	Status	
CBC per 60g	11.9		mg/60g		
CBD per 60g	3050		mg/60g		
CBDV per 60g	10.8		mg/60g		
CBE per 60g	45.5		mg/60g		
CBG per 60g	19.9		mg/60g		
CBN per 60g	16.9		mg/60g		
CBT per 60g	61.2		mg/60g		
Δ9-THC per 60g	149		mg/60g		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Alliant Hemp LLC

Product identity: 1084173-2024-0201
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-001150-0001
Evidence of Cooling: No
Temp: 17.6 °C
Relinquished by: client
Serving Size #1: 60 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)	Units %	Batch: 2400915	Analyze: 2/6/24 5:24:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0198		%	0.00329	
CBC-A	< LOQ		%	0.00329	
CBC-Total	0.0198		%	0.00618	
CBD [±]	5.08		%	0.0329	
CBD-A [±]	< LOQ		%	0.00329	
CBD-Total	5.08		%	0.0358	
CBDV	0.0180		%	0.00329	
CBDV-A	< LOQ		%	0.00329	
CBDV-Total	0.0180		%	0.00615	
CBE	0.0759		%	0.00329	
CBG	0.0331		%	0.00329	
CBG-A	< LOQ		%	0.00329	
CBG-Total	0.0331		%	0.00615	
CBL	< LOQ		%	0.00329	
CBL-A	< LOQ		%	0.00329	
CBL-Total	< LOQ		%	0.00618	
CBN	0.0282		%	0.00329	
CBT	0.102		%	0.00329	
Δ8-THCV	< LOQ		%	0.00329	
Δ10-THC-9R	< LOQ		%	0.00329	
Δ10-THC-9S	< LOQ		%	0.00329	
Δ10-THC-Total	< LOQ		%	0.00659	
Δ8-THC [±]	< LOQ		%	0.00329	
Δ9-THC [±]	0.248		%	0.00329	
delta-9-THCP	< LOQ		%	0.00329	
exo-THC	< LOQ		%	0.00329	
THC-A [±]	< LOQ		%	0.00329	
THC-Total	0.248		%	0.00618	
THCV	< LOQ		%	0.00329	
THCV-A	< LOQ		%	0.00329	
THCV-Total	< LOQ		%	0.00615	
Total Cannabinoids	5.61		%		



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Potency per 60g **Method:** J AOAC 2015 V98-6 (mod) **Units mg/se** **Batch:** 2400915 **Analyze:** 2/6/24 5:24:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 60g	11.9		mg/60g	1.98	
CBC-A per 60g	< LOQ		mg/60g	1.98	
CBC-Total per 60g	11.9		mg/60g	3.71	
CBD per 60g	3050		mg/60g	19.8	
CBD-A per 60g [±]	< LOQ		mg/60g	1.98	
CBD-Total per 60g [±]	3050		mg/60g	21.5	
CBDV per 60g	10.8		mg/60g	1.98	
CBDV-A per 60g	< LOQ		mg/60g	1.98	
CBDV-Total per 60g	10.8		mg/60g	3.69	
CBE per 60g	45.5		mg/60g	1.98	
CBG per 60g	19.9		mg/60g	1.98	
CBG-A per 60g	< LOQ		mg/60g	1.98	
CBG-Total per 60g	19.9		mg/60g	3.69	
CBL per 60g	< LOQ		mg/60g	1.98	
CBL-A per 60g	< LOQ		mg/60g	1.98	
CBL-Total per 60g	< LOQ		mg/60g	3.71	
CBN per 60g	16.9		mg/60g	1.98	
CBT per 60g	61.2		mg/60g	1.98	
Δ8-THCV per 60g	< LOQ		mg/60g	1.98	
Δ10-THC-9R per 60g	< LOQ		mg/60g	1.98	
Δ10-THC-9S per 60g	< LOQ		mg/60g	1.98	
Δ10-THC-Total per 60g	< LOQ		mg/60g	3.95	
Δ8-THC per 60g [±]	< LOQ		mg/60g	1.98	
Δ9-THC per 60g [±]	149		mg/60g	1.98	
delta-9-THCP per 60g	< LOQ		mg/60g	1.98	
exo-THC per 60g	< LOQ		mg/60g	1.98	
THC-A per 60g [±]	< LOQ		mg/60g	1.98	
THC-Total per 60g	149		mg/60g	3.71	
THCV per 60g	< LOQ		mg/60g	1.98	
THCV-A per 60g	< LOQ		mg/60g	1.98	
THCV-Total per 60g	< LOQ		mg/60g	3.71	
Total Cannabinoids per 60g	3360		mg/60g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2400982	02/10/24 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2400980	02/10/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2400980	02/10/24 AOAC 991.14 (Petrifilm)		
Staphylococcus aureus	< LOQ		cfu/g	10	2400983	02/09/24 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2400981	02/11/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2400981	02/11/24 AOAC 2014.05 (RAPID)		
Salmonella spp. by PCR*	Negative		/25g		2400984	02/09/24 AOAC 2020.02 ^b		



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Solvents											Method: Residual Solvents by GC/MS ^b					Units µg/g		Batch 2401058		Analyze 02/09/24 03:20 PM				
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes													
1,4-Dioxane [‡]	< LOQ	380	100	pass		2-Butanol [‡]	< LOQ	5000	200	pass														
2-Ethoxyethanol [‡]	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200															
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA) [‡]	< 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 [‡]	< LOQ	5000	200	pass		Acetonitrile [‡]	< LOQ	410	100	pass														
Benzene [‡]	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass														
Cyclohexane [‡]	< LOQ	3880	200	pass		Ethyl acetate [‡]	< LOQ	5000	200	pass														
Ethyl benzene	< LOQ		200			Ethyl ether [‡]	< LOQ	5000	200	pass														
Ethylene glycol [‡]	< LOQ	620	200	pass		Ethylene oxide [‡]	< LOQ	50.0	20.0	pass														
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate [‡]	< LOQ	5000	200	pass														
Isopropylbenzene (Cumene) [‡]	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200															
Methanol [‡]	< LOQ	3000	200	pass		Methylene chloride [‡]	< LOQ	600	60.0	pass														
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200															
n-Heptane [‡]	< LOQ	5000	200	pass		n-Hexane [‡]	< LOQ		30.0															
n-Pentane [‡]	< LOQ		200			o-Xylene	< LOQ		200															
Pentanes (sum)	< LOQ	5000	600	pass		Propane [‡]	< LOQ	5000	200	pass														
Tetrahydrofuran [‡]	< LOQ	720	100	pass		Toluene [‡]	< LOQ	890	100	pass														
Total Xylenes [‡]	< 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 2401094	Analyze 02/12/24 11:59 AM				
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [‡]	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.200	pass	
Acequinocyl [‡]	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb [‡]	< LOQ	0.40	0.200	pass		Azoxystrobin [‡]	< LOQ	0.20	0.100	pass	
Bifenazate [‡]	< LOQ	0.20	0.100	pass		Bifenthrin [‡]	< LOQ	0.20	0.100	pass	
Boscalid [‡]	< LOQ	0.40	0.200	pass		Carbaryl [‡]	< LOQ	0.20	0.100	pass	
Carbofuran [‡]	< LOQ	0.20	0.100	pass		Chlorantraniliprole [‡]	< LOQ	0.20	0.100	pass	
Chlorfenapyr [‡]	< LOQ	1.0	0.500	pass		Chlorpyrifos [‡]	< LOQ	0.20	0.100	pass	
Clofentezine [‡]	< LOQ	0.20	0.100	pass		Cyfluthrin [‡]	< LOQ	1.0	0.500	pass	
Cypermethrin [‡]	< LOQ	1.0	0.500	pass		Daminozide [‡]	< LOQ	1.0	0.500	pass	
Diazinon [‡]	< LOQ	0.20	0.100	pass		Dichlorvos [‡]	< LOQ	1.0	0.500	pass	
Dimethoate [‡]	< LOQ	0.20	0.100	pass		Ethoprophos [‡]	< LOQ	0.20	0.100	pass	
Etofenprox [‡]	< LOQ	0.40	0.200	pass		Etoxazole [‡]	< LOQ	0.20	0.100	pass	
Fenoxycarb [‡]	< LOQ	0.20	0.100	pass		Fenpyroximate [‡]	< LOQ	0.40	0.200	pass	
Fipronil [‡]	< LOQ	0.40	0.200	pass		Flonicamid [‡]	< LOQ	1.0	0.400	pass	
Fludioxonil [‡]	< LOQ	0.40	0.200	pass		Hexythiazox [‡]	< LOQ	1.0	0.400	pass	
Imazalil [‡]	< LOQ	0.20	0.100	pass		Imidacloprid [‡]	< LOQ	0.40	0.200	pass	
Kresoxim-methyl [‡]	< LOQ	0.40	0.200	pass		Malathion [‡]	< LOQ	0.20	0.100	pass	
Metalaxyl [‡]	< LOQ	0.20	0.100	pass		Methiocarb [‡]	< LOQ	0.20	0.100	pass	
Methomyl [‡]	< LOQ	0.40	0.200	pass		MGK-264 [‡]	< LOQ	0.20	0.100	pass	
Myclobutanil [‡]	< LOQ	0.20	0.100	pass		Naled [‡]	< LOQ	0.50	0.250	pass	
Oxamyl [‡]	< LOQ	1.0	0.500	pass		Pacllobutrazole [‡]	< LOQ	0.40	0.200	pass	
Parathion-Methyl [‡]	< LOQ	0.20	0.100	pass		Permethrin [‡]	< LOQ	0.20	0.100	pass	
Phosmet [‡]	< LOQ	0.20	0.100	pass		Piperonyl butoxide [‡]	< LOQ	2.0	1.00	pass	
Prallethrin [‡]	< LOQ	0.20	0.100	pass		Propiconazole [‡]	< LOQ	0.40	0.200	pass	
Propoxur [‡]	< LOQ	0.20	0.100	pass		Pyrethrin I (total) [‡]	< LOQ	1.0	0.500	pass	
Pyridaben [‡]	< LOQ	0.20	0.100	pass		Spinosad [‡]	< LOQ	0.20	0.100	pass	
Spiromesifen [‡]	< LOQ	0.20	0.100	pass		Spirotetramat [‡]	< LOQ	0.20	0.100	pass	
Spiroxamine [‡]	< LOQ	0.40	0.200	pass		Tebuconazole [‡]	< LOQ	0.40	0.200	pass	
Thiacloprid [‡]	< LOQ	0.20	0.100	pass		Thiamethoxam [‡]	< LOQ	0.20	0.100	pass	
Trifloxystrobin [‡]	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes	
Arsenic [‡]	< LOQ	0.200	mg/kg	0.0849	2401055	02/09/24	AOAC 2013.06 (mod.) ^p	pass		
Cadmium [‡]	< LOQ	0.200	mg/kg	0.0849	2401055	02/09/24	AOAC 2013.06 (mod.) ^p	pass		
Lead [‡]	< LOQ	0.500	mg/kg	0.0849	2401055	02/09/24	AOAC 2013.06 (mod.) ^p	pass		
Mercury [‡]	< LOQ	0.100	mg/kg	0.0425	2401055	02/09/24	AOAC 2013.06 (mod.) ^p	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

/25g = Per 25g

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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