



# TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>Batch Date: 01/31/2024</b>	<b>Batch #: 1084173-2024-0131</b>	<b>NR:</b> Not Reported <b>NA:</b> Not Applicable
<b>Product Name: 75 mg CBD + 1 mg THC Cherry Gummies (20 ct)</b>		<b>LOQ:</b> Limit Of Quantitation
<b>Serving Size: 5.44g / 1 gummy</b>		<b>LOD:</b> Limit Of Detection
<b>Date of Manufacture: 01/31/24</b>	<b>Batch Size: 1,500 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 Serving	Total Percent	Regulatory Action Level
<b>Cannabidiol (CBD)</b>	78.3 mg	1.44 %	N/A
<b>Total THC (d9-THC + d8-THC)</b>	1.00 mg	0.0184 %	0.30%
<b>CBDV</b>	0.227 mg	0.0042 %	N/A

HEAVY METALS <b>PASS</b>	Per Serving	Per Gram	Regulatory Action Level
<b>Arsenic</b>	<LOQ µg/serving	<LOQ µg/g	10 µg/day <sup>[1]</sup>
<b>Cadmium</b>	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day <sup>[1]</sup>
<b>Lead</b>	<LOQ µg/serving	<LOQ µg/g	3.5 µg/day <sup>[2]</sup>
<b>Mercury</b>	<LOQ µg/serving	<LOQ µg/g	2 µg/day <sup>[1]</sup>

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 **PASS****  
**ZERO** 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>E.coli</b>	<b>PASS</b>
<b>Listeria spp.</b>	<b>PASS</b>
<b>Salmonella spp.</b>	<b>PASS</b>
<b>Staphylococcus aureus</b>	<b>PASS</b>
<b>Yeast and Mold</b>	<b>PASS</b>
<b>EHEC including STEC</b>	<b>PASS</b>
<b>Total Coliforms</b>	<b>PASS</b>

- Agency for Toxic Substances & Disease Registry. (2020). "Minimal Risk Levels (MRLs) for Hazardous Substances". Atlanta, GA: ATSDR. <https://www.atsdr.cdc.gov/mrls/mrllist.asp#24tag>
- 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>
- 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:** 24-001151/D008.R000  
**Report Date:** 02/13/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/02/24 09:16

**Customer:** Alliant Hemp LLC  
**Product identity:** 1084173-2024-0131  
**Client/Metric ID:** .  
**Laboratory ID:** 24-001151-0001

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBD	1.44		%		CBD-Total per Serving Size 78.3 mg/5.44g
CBDV	0.00418		%		
Δ9-THC	0.0184		%		THC-Total per Serving Size 1.00 mg/5.44g
<b>Analyte per 5.44g</b>	<b>Result</b>	<b>Limits</b>	<b>Units</b>	<b>Status</b>	(Reported in milligrams per serving)
CBD per 5.44g	78.3		mg/5.44g		
CBDV per 5.44g	0.227		mg/5.44g		
Δ9-THC per 5.44g	1.00		mg/5.44g		

**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:** 1084173-2024-0131  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 24-001151-0001  
**Evidence of Cooling:** No  
**Temp:** 17.6 °C  
**Relinquished by:** shipping  
**Serving Size #1:** 5.44 g

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units %	Batch: 2400923	Analyze: 2/6/24 9:43:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.00327	
CBC-A	< LOQ		%	0.00327	
CBC-Total	< LOQ		%	0.00613	
CBD	1.44		%	0.0327	
CBD-A	< LOQ		%	0.00327	
CBD-Total	1.44		%	0.0355	
CBDV	0.00418		%	0.00327	
CBDV-A	< LOQ		%	0.00327	
CBDV-Total	< LOQ		%	0.00610	
CBE	< LOQ		%	0.00327	
CBG	< LOQ		%	0.00327	
CBG-A	< LOQ		%	0.00327	
CBG-Total	< LOQ		%	0.00610	
CBL	< LOQ		%	0.00327	
CBL-A	< LOQ		%	0.00327	
CBL-Total	< LOQ		%	0.00613	
CBN	< LOQ		%	0.00327	
CBT	< LOQ		%	0.00327	
Δ8-THCV	< LOQ		%	0.00327	
Δ10-THC-9R	< LOQ		%	0.00327	
Δ10-THC-9S	< LOQ		%	0.00327	
Δ10-THC-Total	< LOQ		%	0.00653	
Δ8-THC	< LOQ		%	0.00327	
Δ9-THC	0.0184		%	0.00327	
delta-9-THCP	< LOQ		%	0.00327	
exo-THC	< LOQ		%	0.00327	
THC-A	< LOQ		%	0.00327	
THC-Total	0.0184		%	0.00613	
THCV	< LOQ		%	0.00327	
THCV-A	< LOQ		%	0.00327	
THCV-Total	< LOQ		%	0.00610	
<b>Total Cannabinoids</b>	<b>1.46</b>		%		



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Potency per 5.44g Method: J AOAC 2015 V98-6 (mod)<sup>b</sup> Units mg/se Batch: 2400923 Analyze: 2/6/24 9:43:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 5.44g	< LOQ		mg/5.44g	0.171	
CBC-A per 5.44g	< LOQ		mg/5.44g	0.171	
CBC-Total per 5.44g	< LOQ		mg/5.44g	0.320	
CBD per 5.44g	78.3		mg/5.44g	1.78	
CBD-A per 5.44g	< LOQ		mg/5.44g	0.171	
CBD-Total per 5.44g	78.3		mg/5.44g	1.93	
CBDV per 5.44g	0.227		mg/5.44g	0.178	
CBDV-A per 5.44g	< LOQ		mg/5.44g	0.171	
CBDV-Total per 5.44g	< LOQ		mg/5.44g	0.332	
CBE per 5.44g	< LOQ		mg/5.44g	0.171	
CBG per 5.44g	< LOQ		mg/5.44g	0.171	
CBG-A per 5.44g	< LOQ		mg/5.44g	0.171	
CBG-Total per 5.44g	< LOQ		mg/5.44g	0.318	
CBL per 5.44g	< LOQ		mg/5.44g	0.171	
CBL-A per 5.44g	< LOQ		mg/5.44g	0.171	
CBL-Total per 5.44g	< LOQ		mg/5.44g	0.320	
CBN per 5.44g	< LOQ		mg/5.44g	0.171	
CBT per 5.44g	< LOQ		mg/5.44g	0.171	
Δ8-THCV per 5.44g	< LOQ		mg/5.44g	0.171	
Δ10-THC-9R per 5.44g	< LOQ		mg/5.44g	0.171	
Δ10-THC-9S per 5.44g	< LOQ		mg/5.44g	0.171	
Δ10-THC-Total per 5.44g	< LOQ		mg/5.44g	0.341	
Δ8-THC per 5.44g	< LOQ		mg/5.44g	0.171	
Δ9-THC per 5.44g	1.00		mg/5.44g	0.178	
delta-9-THCP per 5.44g	< LOQ		mg/5.44g	0.171	
exo-THC per 5.44g	< LOQ		mg/5.44g	0.171	
THC-A per 5.44g	< LOQ		mg/5.44g	0.171	
THC-Total per 5.44g	1.00		mg/5.44g	0.334	
THCV per 5.44g	< LOQ		mg/5.44g	0.171	
THCV-A per 5.44g	< LOQ		mg/5.44g	0.171	
THCV-Total per 5.44g	< LOQ		mg/5.44g	0.320	
Total Cannabinoids per 5.44g	79.6		mg/5.44g		

**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) <sup>P</sup>		
E.coli	< LOQ		cfu/g	10	2400980	02/10/24 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2400980	02/10/24 AOAC 991.14 (Petrifilm) <sup>P</sup>		
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) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2400981	02/11/24 AOAC 2014.05 (RAPID) <sup>P</sup>		
Listeria spp.	Negative	/25g			2400986	02/09/24 AOAC 2019.10		
Salmonella spp. by PCR*	Negative	/25g			2400984	02/09/24 AOAC 2020.02 <sup>b</sup>		
EHEC including STEC*	Negative	/25g			2400985	02/09/24 AOAC RI 121806 <sup>b</sup>		



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Solvents											Method: Residual Solvents by GC/MS <sup>b</sup>					Units µg/g		Batch 2401058		Analyze 02/12/24 03:39 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) <sup>b</sup>											
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 <sup>‡</sup>	< LOQ	0.50	0.250	pass		Acephate <sup>‡</sup>	< LOQ	0.40	0.200	pass	
Acequinocyl <sup>‡</sup>	< LOQ	2.0	1.00	pass		Acetamiprid <sup>‡</sup>	< 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		Flonicamid <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		Pacllobutrazole <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							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Arsenic <sup>‡</sup>	< LOQ	0.200	mg/kg	0.0168	2401055	02/09/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Cadmium <sup>‡</sup>	< LOQ	0.200	mg/kg	0.0168	2401055	02/09/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Lead <sup>‡</sup>	< LOQ	0.500	mg/kg	0.0168	2401055	02/09/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass			
Mercury <sup>‡</sup>	< LOQ	0.100	mg/kg	0.00841	2401055	02/09/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass			

Nutrition										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Water Activity	0.586	0.650	Aw	0.030	2400904	02/05/24 AOAC 978.18 <sup>b</sup>	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/5.44g = Milligram per 5.44g

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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