



TEST RESULTS SUMMARY

Please see the following pages for full test results.

Batch Date: 01/11/2024	Batch #: 1084173-2024-0111	NR: Not Reported NA: Not Applicable
Product Name: 200 mg CBD per ml CBD Isolate Oil Drops		LOQ: Limit Of Quantitation LOD: Limit Of Detection
Expiration Date: 01/11/2026	Batch Size: 2996 Units	1 g = 10 ³ mg = 10 ⁶ µg
Testing Lab: Columbia Labs	ORELAP Lab #: OR100028	

POTENCY PASS	Per Serving	Total Percent	Regulatory Action Level
Cannabidiol (CBD)	203 mg	21.1 %	N/A
Total THC (d9-THC + d8-THC)	<LOQ	<LOQ	0.30%
CBDV	0.84 mg	0.087 %	N/A

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

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
Ecoli	PASS
Total Coliforms	PASS
Staphylococcus aureus	PASS
Mold	PASS
Yeast	PASS
Listeria	PASS
Salmonella	PASS
EHEC including STEC	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/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: 24-000580/D006.R000
Report Date: 02/01/2024
ORELAP#: OR100028
Purchase Order:
Received: 01/22/24 10:08

Customer: Alliant Hemp LLC
Product identity: 1084173-2024-0111
Client/Metric ID: .
Laboratory ID: 24-000580-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	21.1		%		CBD-Total per Serving Size 203 mg/1ml
CBDV	0.0868		%		
					THC-Total per Serving Size < LOQ
					(Reported in milligrams per serving)
Analyte per 1ml	Result	Limits	Units	Status	
CBD per 1ml	203		mg/1ml		
CBDV per 1ml	0.836		mg/1ml		

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: 1084173-2024-0111
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-000580-0001
Evidence of Cooling: No
Temp: 16.5 °C
Density: 0.9637 g/ml
Serving Size #1: 0.964 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b		Units %	Batch: 2400547	Analyze: 1/24/24 9:54:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.00329	
CBC-A	< LOQ		%	0.00329	
CBC-Total	< LOQ		%	0.00617	
CBD	21.1		%	0.329	
CBD-A	< LOQ		%	0.00329	
CBD-Total	21.1		%	0.332	
CBDV	0.0868		%	0.00329	
CBDV-A	< LOQ		%	0.00329	
CBDV-Total	0.0868		%	0.00614	
CBE	< LOQ		%	0.00329	
CBG	< LOQ		%	0.00329	
CBG-A	< LOQ		%	0.00329	
CBG-Total	< LOQ		%	0.00614	
CBL	< LOQ		%	0.00329	
CBL-A	< LOQ		%	0.00329	
CBL-Total	< LOQ		%	0.00617	
CBN	< LOQ		%	0.00329	
CBT	< LOQ		%	0.00329	
Δ8-THCV	< LOQ		%	0.00329	
Δ10-THC-9R	< LOQ		%	0.00329	
Δ10-THC-9S	< LOQ		%	0.00329	
Δ10-THC-Total	< LOQ		%	0.00657	
Δ8-THC	< LOQ		%	0.00329	
Δ9-THC	< LOQ		%	0.00658	
delta-9-THCP	< LOQ		%	0.00329	
exo-THC	< LOQ		%	0.00329	
THC-A	< LOQ		%	0.00329	
THC-Total	< LOQ		%	0.00947	
THCV	< LOQ		%	0.00329	
THCV-A	< LOQ		%	0.00329	
THCV-Total	< LOQ		%	0.00614	
Total Cannabinoids	21.2		%		



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Potency per 1ml **Method:** J AOAC 2015 V98-6 (mod)^b **Units** mg/se **Batch:** 2400547 **Analyze:** 1/24/24 9:54:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml	< LOQ		mg/1ml	0.0317	
CBC-A per 1ml	< LOQ		mg/1ml	0.0317	
CBC-Total per 1ml	< LOQ		mg/1ml	0.0595	
CBD per 1ml	203		mg/1ml	3.17	
CBD-A per 1ml	< LOQ		mg/1ml	0.0317	
CBD-Total per 1ml	203		mg/1ml	3.20	
CBDV per 1ml	0.836		mg/1ml	0.0317	
CBDV-A per 1ml	< LOQ		mg/1ml	0.0317	
CBDV-Total per 1ml	0.836		mg/1ml	0.0592	
CBE per 1ml	< LOQ		mg/1ml	0.0317	
CBG per 1ml	< LOQ		mg/1ml	0.0317	
CBG-A per 1ml	< LOQ		mg/1ml	0.0317	
CBG-Total per 1ml	< LOQ		mg/1ml	0.0592	
CBL per 1ml	< LOQ		mg/1ml	0.0317	
CBL-A per 1ml	< LOQ		mg/1ml	0.0317	
CBL-Total per 1ml	< LOQ		mg/1ml	0.0595	
CBN per 1ml	< LOQ		mg/1ml	0.0317	
CBT per 1ml	< LOQ		mg/1ml	0.0317	
Δ8-THCV per 1ml	< LOQ		mg/1ml	0.0317	
Δ10-THC-9R per 1ml	< LOQ		mg/1ml	0.0317	
Δ10-THC-9S per 1ml	< LOQ		mg/1ml	0.0317	
Δ10-THC-Total per 1ml	< LOQ		mg/1ml	0.0634	
Δ8-THC per 1ml	< LOQ		mg/1ml	0.0317	
Δ9-THC per 1ml	< LOQ		mg/1ml	0.0634	
delta-9-THCP per 1ml	< LOQ		mg/1ml	0.0317	
exo-THC per 1ml	< LOQ		mg/1ml	0.0317	
THC-A per 1ml	< LOQ		mg/1ml	0.0317	
THC-Total per 1ml	< LOQ		mg/1ml	0.0913	
THCV per 1ml	< LOQ		mg/1ml	0.0317	
THCV-A per 1ml	< LOQ		mg/1ml	0.0317	
THCV-Total per 1ml	< LOQ		mg/1ml	0.0595	
Total Cannabinoids per 1ml	204		mg/1ml		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2400613	01/28/24 AOAC 990.12 (Petrifilm) ^P		
E.coli	< LOQ		cfu/g	10	2400611	01/28/24 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2400611	01/28/24 AOAC 991.14 (Petrifilm) ^P		
Staphylococcus aureus	< LOQ		cfu/g	10	2400615	01/27/24 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2400612	01/29/24 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2400612	01/29/24 AOAC 2014.05 (RAPID) ^P		
Listeria spp.	Negative	/25g			2400618	01/27/24 AOAC 2019.10		
Salmonella spp. by PCR*	Negative	/25g			2400616	01/27/24 AOAC 2020.02 ^P		
EHEC including STEC*	Negative	/25g			2400617	01/27/24 AOAC RI 121806 ^P		



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Solvents											Method: Residual Solvents by GC/MS ^b					Units µg/g		Batch 2400758		Analyze 01/31/24 12:34 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) ^b											
Units mg/kg Batch 2400739 Analyze 01/31/24 09:49 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	
Bifentazate [‡]	< 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	0.0837	2400761	01/31/24 AOAC 2013.06 (mod.) ^b	pass			
Cadmium [‡]	< LOQ	0.200	mg/kg	0.0837	2400761	01/31/24 AOAC 2013.06 (mod.) ^b	pass			
Lead [‡]	< LOQ	0.500	mg/kg	0.0837	2400761	01/31/24 AOAC 2013.06 (mod.) ^b	pass			
Mercury [‡]	< LOQ	0.100	mg/kg	0.0418	2400761	01/31/24 AOAC 2013.06 (mod.) ^b	pass			

Nutrition										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Density	0.9637		g/ml	0.1000	2400514	01/23/24 DMA 35™				



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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

g/ml = Gram per milliliter

µg/g = Microgram per gram

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

mg/1ml = Milligram per 1ml

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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