



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



**Report Number:** 24-005638/D001.R000  
**Report Date:** 05/30/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 05/22/24 10:26

**Customer:** The Hemp Collect  
**Product identity:** Live Delta 9 Knockout Caramel  
**Client/Metric ID:** 5005SH-051024  
**Laboratory ID:** 24-005638-0001

Summary

Potency:

Analyte per 18g	Result	Limits	Units	Status	
CBD per 18g	2.02		mg/18g		Delta-9-THC-Total per 40.3 mg/18g
CBD-A per 18g	2.29		mg/18g		
CBG per 18g	1.89		mg/18g		CBD-Total per Serving Size 4.02 mg/18g
CBN per 18g	10.9		mg/18g		
Δ9-THC per 18g	40.3		mg/18g		(Reported in milligrams per serving)
Δ9-THCP per 18g	0.000		mg/18g		

Metals:

Less than LOQ for all analytes.

Microbiology:

Analyte	Result	Units
Aerobic Plate Count	100	cfu/g



**Customer:** The Hemp Collect  
 825 NW 16th Ave  
 Portland Oregon 97209  
 United States of America (USA)

**Product identity:** Live Delta 9 Knockout Caramel

**Client/Metric ID:** 5005SH-051024

**Sample Date:**

**Laboratory ID:** 24-005638-0001

**Evidence of Cooling:** No

**Temp:** 16.9 °C

**Serving Size #1:** 18 g

## Sample Results

Potency per 18g **Method:** J AOAC 2015 V98-6 (mod)<sup>b</sup> **Units mg/se** **Batch:** 2404045 **Analyze:** 5/24/24 8:30:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 18g	2.02		mg/18g	0.565	
CBD-A per 18g <sup>±</sup>	2.29		mg/18g	0.565	
CBD-Total per 18g <sup>±</sup>	4.02		mg/18g	1.06	
CBG per 18g	1.89		mg/18g	0.565	
CBG-A per 18g	< LOQ		mg/18g	0.565	
CBG-Total per 18g	1.89		mg/18g	1.05	
CBN per 18g	10.9		mg/18g	0.565	
Δ10-THC-9R per 18g	< LOQ		mg/18g	0.565	
Δ10-THC-9S per 18g	< LOQ		mg/18g	0.565	
Δ10-THC-Total per 18g	< LOQ		mg/18g	1.13	
Δ8-THC per 18g <sup>±</sup>	< LOQ		mg/18g	0.565	
Δ9-THC per 18g <sup>±</sup>	40.3		mg/18g	0.565	
Δ9-THC-Total per 18g	40.3		mg/18g	1.06	
Δ9-THCP per 18g	0.000		mg/18g	0.000	
THC-A per 18g <sup>±</sup>	< LOQ		mg/18g	0.565	

## Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	100		cfu/g	10	2403962	05/25/24 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2403960	05/25/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2403960	05/25/24 AOAC 991.14 (Petrifilm)		
Staphylococcus aureus	< LOQ		cfu/g	10	2403964	05/24/24 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2403961	05/26/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2403961	05/26/24 AOAC 2014.05 (RAPID)		
Listeria spp.	Negative		/g		2403967	05/24/24 AOAC 2019.10		
Salmonella spp. by PCR <sup>±</sup>	Negative		/g		2403965	05/24/24 AOAC 2020.02 <sup>b</sup>		
EHEC including STEC <sup>±</sup>	Negative		/g		2403966	05/24/24 AOAC RI 121806 <sup>b</sup>		



### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic <sup>±</sup>	< LOQ		mg/kg	0.0195	2403995	05/23/24 AOAC 2013.06 (mod.) <sup>p</sup>		
Cadmium <sup>±</sup>	< LOQ		mg/kg	0.0195	2403995	05/23/24 AOAC 2013.06 (mod.) <sup>p</sup>		
Lead <sup>±</sup>	< LOQ		mg/kg	0.0195	2403995	05/23/24 AOAC 2013.06 (mod.) <sup>p</sup>		
Mercury <sup>±</sup>	< LOQ		mg/kg	0.00974	2403995	05/23/24 AOAC 2013.06 (mod.) <sup>p</sup>		

### Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 <sup>±</sup>	< LOQ		µg/kg	5.00	2404060	05/28/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin B2 <sup>±</sup>	< LOQ		µg/kg	5.00	2404060	05/28/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin G1 <sup>±</sup>	< LOQ		µg/kg	5.00	2404060	05/28/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin G2 <sup>±</sup>	< LOQ		µg/kg	5.00	2404060	05/28/24 AOAC 2007.01 & EN 15662 (mod)		
Ochratoxin A <sup>±</sup>	< LOQ		µg/kg	5.00	2404060	05/28/24 AOAC 2007.01 & EN 15662 (mod)		
Total Aflatoxins	< LOQ		µg/kg	20.0		05/29/24 AOAC 2007.01 & EN 15662 (mod) <sup>p</sup>		



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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 = Gram

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

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

mg/18g = Milligram per 18g

/g = Per gram

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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**Hemp & Cannabis  
Chain of Custody**

**The Hemp Collect-  
T715200751**

ORELAP ID: **OR1000028** ANAB ISO 17025 ID: **AT1508**

								Testing			
<b>Company Details</b> Company: <u>The Hemp Collect</u> Contact: <u>Eve Pavlov</u> Street Address: <u>431 NW Flanders St, Suite 202</u> City, State, Zip: <u>Portland, OR 97209</u> Email: <u>eve@thehempcollect.com</u> Contact Phone: <u>3096488876</u>  <b>Billing Information</b> Billing Email: <u>accounting@thehempcollect.com</u>				<b>Project Details</b> Turnaround Time: <u>5 Business Days</u>   <u>Req. For Micro Testing</u>   <u>Standard</u> <u>Relinquishment</u>   <u>Sampling, Courier &amp; Shipping Options: By Shipping Service (USPS, UPS, Fedex)</u> <u>Compliance: Research and Development (RND)</u>  <b>Receipt Information</b> <u>Pre-Log Storage: Canna Shelves</u> <u>Sample Condition: Satisfactory</u>				H10042 - Aflatoxins+Ochratoxin   OLCC	H10013 - Cannabis Heavy Metals Profile OR	H9000 - Micro Profile X	H10014 - Potency Cannabis (Basic)
#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Serving Size	Specifications				
1	Live Delta 9 Knockout Caramel	Cannabinoid Edible	50055H+051024	36g	mg/serving	18g	N/A	✓	✓	✓	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Eve Pavlov</i>	<i>05/08/2024</i>	<i>13:39</i>	<i>AK</i>	<i>05/22/2024</i>	<i>10:26</i>	<i>16, 90</i>	<i>No</i>

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this OCC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories  
12423 NE Whitaker Way  
Portland, OR 97230

P: (503) 254-1794  
[info@columbiolaboratories.com](mailto:info@columbiolaboratories.com)

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[www.columbiolaboratories.com](http://www.columbiolaboratories.com)


**Laboratory Quality Control Results**
**J AOAC 2015 V98-6** **Batch ID: 2404045**
**Laboratory Control Sample**

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0258	0.0257	%	100	80.0 - 120	Acceptable	
CBDV	2	0.0299	0.0298	%	100	80.0 - 120	Acceptable	
CBE	2	0.0286	0.0293	%	97.3	80.0 - 120	Acceptable	
CBDA	1	0.0287	0.0290	%	98.7	90.0 - 110	Acceptable	
CBGA	1	0.0284	0.0288	%	98.6	80.0 - 120	Acceptable	
CBG	1	0.0274	0.0283	%	96.7	80.0 - 120	Acceptable	
CBD	1	0.0297	0.0306	%	96.8	90.0 - 110	Acceptable	
THCV	2	0.0300	0.0299	%	100	80.0 - 120	Acceptable	
d8THCV	2	0.0282	0.0290	%	97.2	80.0 - 120	Acceptable	
THCVA	2	0.0282	0.0280	%	101	80.0 - 120	Acceptable	
CBN	1	0.0280	0.0288	%	97.2	80.0 - 120	Acceptable	
exo-THC	2	0.0281	0.0289	%	97.2	80.0 - 120	Acceptable	
d9THC	1	0.0293	0.0305	%	96.1	90.0 - 110	Acceptable	
d8THC	1	0.0285	0.0298	%	95.5	90.0 - 110	Acceptable	
9S-d10THC	1	0.0283	0.0300	%	94.5	80.0 - 120	Acceptable	
CBL	2	0.0249	0.0261	%	95.4	80.0 - 120	Acceptable	
9R-d10THC	1	0.0273	0.0320	%	85.1	80.0 - 120	Acceptable	
CBC	2	0.0266	0.0279	%	95.2	80.0 - 120	Acceptable	
THCA	1	0.0292	0.0288	%	102	90.0 - 110	Acceptable	
CBCA	2	0.0277	0.0288	%	96.1	80.0 - 120	Acceptable	
CBLA	2	0.0288	0.0294	%	97.9	80.0 - 120	Acceptable	
d9THCP	2	0.0270	0.0285	%	94.8	80.0 - 120	Acceptable	
CBT	2	0.0264	0.0292	%	90.4	80.0 - 120	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBDV	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBE	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBDA	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBGA	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBG	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBD	<LOQ	0.00332	%	< 0.00332	Acceptable	
THCV	<LOQ	0.00332	%	< 0.00332	Acceptable	
d8THCV	<LOQ	0.00332	%	< 0.00332	Acceptable	
THCVA	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBN	<LOQ	0.00332	%	< 0.00332	Acceptable	
exo-THC	<LOQ	0.00332	%	< 0.00332	Acceptable	
d9THC	<LOQ	0.00332	%	< 0.00332	Acceptable	
d8THC	<LOQ	0.00332	%	< 0.00332	Acceptable	
9S-d10THC	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBL	<LOQ	0.00332	%	< 0.00332	Acceptable	
9R-d10THC	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBC	<LOQ	0.00332	%	< 0.00332	Acceptable	
THCA	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBCA	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBLA	<LOQ	0.00332	%	< 0.00332	Acceptable	
d9THCP	<LOQ	0.00332	%	< 0.00332	Acceptable	
CBT	<LOQ	0.00332	%	< 0.00332	Acceptable	

**Abbreviations**

 ND - None Detected at or above MRL  
 RPD - Relative Percent Difference  
 LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent


**Laboratory Quality Control Results**

J AOAC 2015 V98-6			Batch ID: 2404045					
Sample Duplicate			Sample ID: 24-005525-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBG	0.0165	0.0168	0.00304	%	1.68	< 20	Acceptable	
CBD	0.636	0.647	0.00304	%	1.70	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00304	%	NA	< 20	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
 RPD - Relative Percent Difference  
 LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.