



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



**Report Number:** 24-004625/D001.R003  
**Report Date:** 07/05/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/29/24 16:50

**This is an amended version of report# 24-004625/D001.R002.**  
**Reason: updated client information**

**Customer:** Green Haus Botanicals, LLC  
**Product identity:** Live Delta 9 Anytime Gummy - Sour Apple

**Client/Metric ID:** 3008NC-042224  
**Laboratory ID:** 24-004625-0001

### Summary

**Potency:**

Analyte per 8g	Result	Limits	Units	Status	
					Delta-9-THC-Total per 19.7 mg/8g
CBD-A per 8g	1.69		mg/8g		
CBG per 8g	0.426		mg/8g		
Δ9-THC per 8g	19.7		mg/8g		
					CBD-Total per Serving Size 1.48 mg/8g
(Reported in milligrams per serving)					

**Metals:**

*Less than LOQ for all analytes.*

**Microbiology:**

*Less than LOQ for all analytes.*



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**Customer:** Green Haus Botanicals, LLC  
 11410 Menchaca Rd, Ste. 200,  
 Austin, Texas, 78748  
 United States of America (USA)

**Product identity:** Live Delta 9 Anytime Gummy - Sour Apple

**Client/Metric ID:** 3008NC-042224  
**Sample Date:**  
**Laboratory ID:** 24-004625-0001  
**Evidence of Cooling:** No  
**Temp:** 19.2 °C  
**Serving Size #1:** 8 g

### Sample Results

Potency per 8g		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se	Batch: 2403360	Analyze: 5/2/24 7:26:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 8g	< LOQ		mg/8g	0.259		
CBD-A per 8g <sup>±</sup>	1.69		mg/8g	0.259		
CBD-Total per 8g <sup>±</sup>	1.48		mg/8g	0.487		
CBG per 8g	0.426		mg/8g	0.259		
CBG-A per 8g	< LOQ		mg/8g	0.259		
CBG-Total per 8g	< LOQ		mg/8g	0.484		
CBN per 8g	< LOQ		mg/8g	0.259		
Δ10-THC-9R per 8g	< LOQ		mg/8g	0.259		
Δ10-THC-9S per 8g	< LOQ		mg/8g	0.259		
Δ10-THC-Total per 8g	< LOQ		mg/8g	0.519		
Δ8-THC per 8g <sup>±</sup>	< LOQ		mg/8g	0.259		
Δ9-THC per 8g <sup>±</sup>	19.7		mg/8g	0.259		
Δ9-THC-Total per 8g	19.7		mg/8g	0.487		
THC-A per 8g <sup>±</sup>	< LOQ		mg/8g	0.259		



### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2403261	05/02/24 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2403259	05/02/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2403259	05/02/24 AOAC 991.14 (Petrifilm)		
Staphylococcus aureus	< LOQ		cfu/g	10	2403263	05/01/24 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2403260	05/03/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2403260	05/03/24 AOAC 2014.05 (RAPID)		
Listeria spp.	Negative		/5g		2403267	05/01/24 AOAC 2019.10		
Salmonella spp. by PCR <sup>⊥</sup>	Negative		/5g		2403265	05/01/24 AOAC 2020.02 <sup>b</sup>		
EHEC including STEC <sup>⊥</sup>	Negative		/5g		2403266	05/01/24 AOAC RI 121806 <sup>b</sup>		

### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic <sup>⊥</sup>	< LOQ	0.200	mg/kg	0.0152	2403350	05/01/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Cadmium <sup>⊥</sup>	< LOQ	0.200	mg/kg	0.0152	2403350	05/01/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Lead <sup>⊥</sup>	< LOQ	0.500	mg/kg	0.0152	2403350	05/01/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Mercury <sup>⊥</sup>	< LOQ	0.100	mg/kg	0.00762	2403350	05/01/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	

### Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 <sup>⊥</sup>	< LOQ		µg/kg	5.00	2403385	05/03/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin B2 <sup>⊥</sup>	< LOQ		µg/kg	5.00	2403385	05/03/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin G1 <sup>⊥</sup>	< LOQ		µg/kg	5.00	2403385	05/03/24 AOAC 2007.01 & EN 15662 (mod)		
Aflatoxin G2 <sup>⊥</sup>	< LOQ		µg/kg	5.00	2403385	05/03/24 AOAC 2007.01 & EN 15662 (mod)		
Ochratoxin A <sup>⊥</sup>	< LOQ	20.0	µg/kg	5.00	2403385	05/03/24 AOAC 2007.01 & EN 15662 (mod)	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		05/06/24 AOAC 2007.01 & EN 15662 (mod) <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.

<sup>p</sup> = ISO/IEC 17025:2017 accredited method.

<sup>⊥</sup> = 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/8g = Milligram per 8g

/5g = Per 5 grams

% = 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-  
1713372790

ORELAP ID: OR1000028 ANAB ISO 17025 ID: AT1508

Company Details Company: <u>The Hemp Collect</u> Contact: <u>Eve Pavkov</u> Street Address: <u>431NW Flanders St, Suite 202</u> City, State, Zip: <u>Portland, OR 97209</u> Email: <u>eve@thehempcollect.com</u> Contact Phone: <u>3096488876</u> Billing Information Billing Email: <u>accounting@thehempcollect.com</u>			Project Details Turnaround Time: <u>5 Business Days</u>   Req. For <u>Micro Testing</u>   <u>Standard</u> Relinquishment   Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Compliance: <u>Research and Development (RND)</u> Receipt Information Pre-Log Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>				Testing H0013 - Cannabis Heavy Metals Pro   <u>le CR</u> H0042 - A atoxins+Ochratoxin   <u>CLCC</u> M0000 - Micro Pro   <u>le X</u> H0014 - Potency Cannabis (Basic)			
#	Sample Name	Material	METRCID	Amount Provided	Reporting Unit	Serving Size				
1	Live Delta 9 Anytime Gummy- Sour Apple	Cannabinoid Edible	3008NC-042224	24 g	mg/serving	8 g	✓	✓	✓	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Eve Pavkov</i>	<i>04/17/2024</i>	<i>09:53</i>	<i>evm</i>	<i>04/29/2024</i>	<i>16:50</i>	<i>19,20</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 COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories  
12423 NE Whitaker Way  
Portland, OR 97230

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

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



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Revision: 4 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 0**

**Laboratory Control Sample**

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0361	0.0362	%	99.8	80.0 - 120	Acceptable	
CBDV	2	0.0339	0.0343	%	98.8	80.0 - 120	Acceptable	
CBE	2	0.0313	0.0318	%	98.5	80.0 - 120	Acceptable	
CBDA	1	0.0307	0.0313	%	98.1	90.0 - 110	Acceptable	
CBGA	1	0.0304	0.0307	%	99.0	80.0 - 120	Acceptable	
CBG	1	0.0336	0.0347	%	97.0	80.0 - 120	Acceptable	
CBD	1	0.0326	0.0339	%	96.2	90.0 - 110	Acceptable	
THCV	2	0.0332	0.0341	%	97.6	80.0 - 120	Acceptable	
d8THCV	2	0.0352	0.0362	%	97.3	80.0 - 120	Acceptable	
THCVA	2	0.0318	0.0320	%	99.3	80.0 - 120	Acceptable	
CBN	1	0.0308	0.0321	%	95.8	80.0 - 120	Acceptable	
exo-THC	2	0.0314	0.0333	%	94.1	80.0 - 120	Acceptable	
d9THC	1	0.0304	0.0328	%	92.7	90.0 - 110	Acceptable	
d8THC	1	0.0300	0.0322	%	93.1	90.0 - 110	Acceptable	
9S-d10THC	1	0.0295	0.0323	%	91.5	80.0 - 120	Acceptable	
CBL	2	0.0294	0.0330	%	89.0	80.0 - 120	Acceptable	
9R-d10THC	1	0.0286	0.0315	%	90.6	80.0 - 120	Acceptable	
CBC	2	0.0321	0.0350	%	91.6	80.0 - 120	Acceptable	
THCA	1	0.0320	0.0306	%	105	90.0 - 110	Acceptable	
CBCA	2	0.0322	0.0334	%	96.3	80.0 - 120	Acceptable	
CBLA	2	0.0328	0.0340	%	96.5	80.0 - 120	Acceptable	
d9THCP	2	0.0272	0.0326	%	83.6	80.0 - 120	Acceptable	
CBT	2	0.0288	0.0357	%	80.7	80.0 - 120	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBDV	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBE	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBDA	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBGA	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBG	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBD	<LOQ	0.00311	%	< 0.00311	Acceptable	
THCV	<LOQ	0.00311	%	< 0.00311	Acceptable	
d8THCV	<LOQ	0.00311	%	< 0.00311	Acceptable	
THCVA	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBN	<LOQ	0.00311	%	< 0.00311	Acceptable	
exo-THC	<LOQ	0.00311	%	< 0.00311	Acceptable	
d9THC	<LOQ	0.00311	%	< 0.00311	Acceptable	
d8THC	<LOQ	0.00311	%	< 0.00311	Acceptable	
9S-d10THC	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBL	<LOQ	0.00311	%	< 0.00311	Acceptable	
9R-d10THC	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBC	<LOQ	0.00311	%	< 0.00311	Acceptable	
THCA	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBCA	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBLA	<LOQ	0.00311	%	< 0.00311	Acceptable	
d9THCP	<LOQ	0.00311	%	< 0.00311	Acceptable	
CBT	<LOQ	0.00311	%	< 0.00311	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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Revision: 4 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

AOAC 2015 V98-6		Batch ID: 0						
Sample Duplicate		Sample ID: 24-004627-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBG	0.00497	0.00529	0.00329	%	6.37	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBN	0.00538	0.00562	0.00329	%	4.43	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
d9THC	0.247	0.256	0.00329	%	3.78	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00329	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00329	%	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.