



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



Report Number: 23-007627/D002.R000
Report Date: 07/05/2023
ORELAP#: OR100028
Purchase Order:
Received: 06/27/23 13:40

Customer: The Hemp Collect
Product identity: Live D9 Gummy - Huckleberry 20mg
Client/Metric ID: 3009RC-061323
Laboratory ID: 23-007627-0004

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	0.867		mg/1g		THC-Total per Serving Size 2.27 mg/1g
CBD-A per 1g	0.106		mg/1g		
CBN per 1g	1.47		mg/1g		CBD-Total per Serving Size 0.960 mg/1g
Δ9-THC per 1g	2.27		mg/1g		(Reported in milligrams per serving)

Pesticides:

All analytes passing and less than LOQ.

Microbiology:

Less than LOQ for all analytes.



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Customer: The Hemp Collect
Product identity: Live D9 Gummy - Huckleberry 20mg
Client/Metric ID: 3009RC-061323
Sample Date:
Laboratory ID: 23-007627-0004
Evidence of Cooling: No
Temp: 20.0
Relinquished by: client
Serving Size #1: 1 g



**THE HEMP
 COLLECT**

Sample Results

Potency per 1g						Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2308651	Analyze: 6/28/23 8:01:00 PM
Analyte	Result	Limits	Units	LOQ	Notes				
CBD per 1g	0.867		mg/1g	0.0329					
CBD-A per 1g	0.106		mg/1g	0.0329					
CBD-Total per 1g	0.960		mg/1g	0.0617					
CBG per 1g	< LOQ		mg/1g	0.0329					
CBG-A per 1g	< LOQ		mg/1g	0.0329					
CBG-Total per 1g	< LOQ		mg/1g	0.0614					
CBN per 1g	1.47		mg/1g	0.0329					
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0329					
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0329					
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.0658					
Δ8-THC per 1g	< LOQ		mg/1g	0.0329					
Δ9-THC per 1g	2.27		mg/1g	0.0329					
THC-A per 1g	< LOQ		mg/1g	0.0329					
THC-Total per 1g	2.27		mg/1g	0.0617					

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2308615	06/30/23 AOAC 990.12 (Petrifilm) ^p		I
E.coli	< LOQ		cfu/g	10	2308613	06/30/23 AOAC 991.14 (Petrifilm) ^p		I
Total Coliforms	< LOQ		cfu/g	10	2308613	06/30/23 AOAC 991.14 (Petrifilm) ^p		I
Staphylococcus aureus	< LOQ		cfu/g	10	2308617	06/29/23 AOAC 2003.07		I
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2308614	06/30/23 AOAC 2014.05 (RAPID) ^p		I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2308614	06/30/23 AOAC 2014.05 (RAPID) ^p		I
E. coli, O157:H7 (by PCR)	Negative		/g		2308619	06/29/23 AOAC 2019.03 ^b		I
Listeria spp.	Negative		/g		2308620	06/29/23 AOAC 2019.10		I
Salmonella spp. by PCR*	Negative		/g		2308618	06/29/23 AOAC 2020.02 ^b		I



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2308735		Analyze 07/03/23 10:21 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ		0.070			Acephate	< LOQ		0.020		
Acequinocyl	< LOQ		0.025			Acetamiprid	< LOQ		0.050		
Aldicarb	< LOQ		0.100			Allethrin	< LOQ		0.100		
Atrazine	< LOQ		0.025			Azadirachtin	< LOQ		0.500		
Azoxystrobin	< LOQ		0.010			Benzovindiflupyr	< LOQ		0.010		
Bifenazate	< LOQ		0.010			Bifenthrin	< LOQ		0.100		
Boscalid	< LOQ		0.010			Buprofezin	< LOQ		0.010		
Captan	< LOQ		0.700			Carbaryl	< LOQ		0.025		
Carbofuran	< LOQ		0.010			Chlorantraniliprole	< LOQ		0.010		
Chlordane (cis+trans)	< LOQ		0.100			Chlorfenapyr	< LOQ		0.100		
Chlorpyrifos	< LOQ		0.010			Clofentezine	< LOQ		0.010		
Clothianidin	< LOQ		0.025			Coumaphos	< LOQ		0.010		
Cyantraniliprole	< LOQ		0.010			Cyfluthrin	< LOQ		0.400		
Cyhalothrin,lambda	< LOQ		0.250			Cypermethrin	< LOQ		0.300		
Cyprodinil	< LOQ		0.010			Daminozide	< LOQ		0.050		
Deltamethrin	< LOQ		0.500			Diazinon	< LOQ		0.010		
Dichlorvos	< LOQ		0.050			Dimethoate	< LOQ		0.010		
Dimethomorph	< LOQ		0.050			Dinotefuran	< LOQ		0.050		
Diuron	< LOQ		0.125			Dodemorph	< LOQ		0.050		
Endosulfan I (alpha)	< LOQ		0.050			Endosulfan II (beta)	< LOQ		0.050		
Endosulfan sulfate	< LOQ		0.050			Ethoprophos	< LOQ		0.010		
Etofenprox	< LOQ		0.010			Etoxazole	< LOQ		0.010		
Etridiazole	< LOQ		0.050			Fenhexamid	< LOQ		0.100		
Fenoxycarb	< LOQ		0.010			Fenpyroximate	< LOQ		0.020		
Fensulfathion	< LOQ		0.010			Fenthion	< LOQ		0.010		
Fenvalerate	< LOQ		0.200			Fipronil	< LOQ		0.010		
Flonicamid	< LOQ		0.025			Fludioxonil	< LOQ		0.010		
Fluopyram	< LOQ		0.010			Hexythiazox	< LOQ		0.010		
Imazalil	< LOQ		0.010			Imidacloprid	< LOQ		0.010		
Iprodione	< LOQ		0.500			Kinoprene	< LOQ		0.050		
Kresoxim-methyl	< LOQ		0.010			Malathion	< LOQ		0.010		
Metalaxyl	< LOQ		0.010			Methiocarb	< LOQ		0.010		
Methomyl	< LOQ		0.025			Methoprene	< LOQ		1.00		
Mevinphos	< LOQ		0.025			MGK-264	< LOQ		0.050		
Myclobutanil	< LOQ		0.010			Naled	< LOQ		0.100		
Novaluron	< LOQ		0.025			Oxamyl	< LOQ		0.500		
Paclobutrazole	< LOQ		0.010			Parathion-Methyl	< LOQ		0.030		
Permethrin	< LOQ		0.040			Phenothrin	< LOQ		0.025		
Phosmet	< LOQ		0.010			Piperonyl butoxide	< LOQ		0.200		
Pirimicarb	< LOQ		0.010			Prallethrin	< LOQ		0.050		
Propiconazole	< LOQ		0.010			Propoxur	< LOQ		0.010		
Pyraclostrobin	< LOQ		0.010			Pyrethrins (total)	< LOQ		0.025		
Pyridaben	< LOQ		0.020			Pyriproxyfen	< LOQ		0.010		
Quintozene	< LOQ		0.020			Resmethrin	< LOQ		0.020		
Spinetoram	< LOQ		0.010			Spinosad	< LOQ		0.010		
Spirodiclofen	< LOQ		0.250			Spiromesifen	< LOQ		0.030		



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2308735		Analyze 07/03/23 10:21 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Spirotetramat	< LOQ		0.010			Spiroxamine	< LOQ		0.010		
Tebuconazole	< LOQ		0.010			Tebuconazole	< LOQ		0.010		
Teflubenzuron	< LOQ		0.025			Tetrachlorvinphos	< LOQ		0.010		
Tetramethrin	< LOQ		0.050			Thiabendazole	< LOQ		0.020		
Thiacloprid	< LOQ		0.010			Thiamethoxam	< LOQ		0.010		
Thiophanate-Methyl	< LOQ		0.030			Trifloxystrobin	< LOQ		0.010		

Mycotoxins										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes	
Aflatoxin B2*	< LOQ		µg/kg	5.00	2308715	06/30/23	AOAC 2007.01 & EN 15662 (mod) ^P			
Aflatoxin B1*	< LOQ		µg/kg	5.00	2308715	06/30/23	AOAC 2007.01 & EN 15662 (mod) ^P			
Aflatoxin G1*	< LOQ		µg/kg	5.00	2308715	06/30/23	AOAC 2007.01 & EN 15662 (mod) ^P			
Aflatoxin G2*	< LOQ		µg/kg	5.00	2308715	06/30/23	AOAC 2007.01 & EN 15662 (mod) ^P			
Ochratoxin A*	< LOQ		µg/kg	5.00	2308715	06/30/23	AOAC 2007.01 & EN 15662 (mod) ^P			
Total Aflatoxins*	0.000		µg/kg	20.0		07/05/23	AOAC 2007.01 & EN 15662 (mod) ^P			



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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 = g

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

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

mg/1g = Milligram per 1g

/g = Per gram

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

Approved Signatory

Derrick Tanner
General Manager



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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: 2308651

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0324	0.0316	%	102	80.0	- 120	Acceptable	
CBDV	2	0.0321	0.0315	%	102	80.0	- 120	Acceptable	
CBE	2	0.0351	0.0348	%	101	80.0	- 120	Acceptable	
CBDA	1	0.0336	0.0333	%	101	90.0	- 110	Acceptable	
CBGA	1	0.0322	0.0330	%	97.3	80.0	- 120	Acceptable	
CBG	1	0.0357	0.0380	%	94.1	80.0	- 120	Acceptable	
CBD	1	0.0373	0.0370	%	101	90.0	- 110	Acceptable	
THCV	2	0.0243	0.0236	%	103	80.0	- 120	Acceptable	
d8THCV	2	0.0282	0.0279	%	101	80.0	- 120	Acceptable	
THCVA	2	0.0315	0.0308	%	102	80.0	- 120	Acceptable	
CBN	1	0.0348	0.0350	%	99.3	80.0	- 120	Acceptable	
exo-THC	2	0.0285	0.0283	%	101	80.0	- 120	Acceptable	
d9THC	1	0.0361	0.0361	%	100.0	90.0	- 110	Acceptable	
d8THC	1	0.0454	0.0450	%	101	90.0	- 110	Acceptable	
9S-d10THC	1	0.0256	0.0255	%	100	80.0	- 120	Acceptable	
CBL	2	0.0315	0.0311	%	101	80.0	- 120	Acceptable	
9R-d10THC	1	0.0329	0.0329	%	99.9	80.0	- 120	Acceptable	
CBC	2	0.0298	0.0293	%	102	80.0	- 120	Acceptable	
THCA	1	0.0332	0.0331	%	101	90.0	- 110	Acceptable	
CBCA	2	0.0327	0.0320	%	102	80.0	- 120	Acceptable	
CBLA	2	0.0310	0.0302	%	102	80.0	- 120	Acceptable	
d9THCP	2	0.0326	0.0326	%	100.0	80.0	- 120	Acceptable	
CBT	2	0.0325	0.0326	%	99.5	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBDV	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBE	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBDA	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBGA	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBG	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBD	<LOQ	0.00324	%	< 0.00324	Acceptable	
THCV	<LOQ	0.00324	%	< 0.00324	Acceptable	
d8THCV	<LOQ	0.00324	%	< 0.00324	Acceptable	
THCVA	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBN	<LOQ	0.00324	%	< 0.00324	Acceptable	
exo-THC	<LOQ	0.00324	%	< 0.00324	Acceptable	
d9THC	<LOQ	0.00324	%	< 0.00324	Acceptable	
d8THC	<LOQ	0.00324	%	< 0.00324	Acceptable	
9S-d10THC	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBL	<LOQ	0.00324	%	< 0.00324	Acceptable	
9R-d10THC	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBC	<LOQ	0.00324	%	< 0.00324	Acceptable	
THCA	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBCA	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBLA	<LOQ	0.00324	%	< 0.00324	Acceptable	
d9THCP	<LOQ	0.00324	%	< 0.00324	Acceptable	
CBT	<LOQ	0.00324	%	< 0.00324	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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 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2308651						
Sample Duplicate		Sample ID: 23-007585-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBG	0.290	0.287	0.00324	%	1.07	< 20	Acceptable	
CBD	0.580	0.573	0.00324	%	1.10	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBC	0.00487	0.00462	0.00324	%	5.37	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	

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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.