



Customer: The Hemp Collect
 2014 SE 9th Ave
 Portland Oregon 97214
 United States of America (USA)
Product identity: Live D9, Sativa, Mango, 20mg - Gummy
Metric ID: .
Material: Cannabinoid Edible
Laboratory ID: 25-012252-0001
Evidence of Cooling: No
Temp: 20.2 °C
Lot #: 3031NC_100925
Serving Size #1: 8 g


**THE HEMP
COLLECT**

Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b		Batch: 2507540		Analyze: 10/14/25	
Analyte	Result	Units	LOQ	Notes	Serving Size #1					
					Result	Units	LOQ			
CBC	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBC-A	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBC-Total	< LOQ	%	0.0132		< LOQ	mg/8g	1.05			
CBD [±]	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBD-A [±]	0.0133	%	0.0070		1.06	mg/8g	0.56			
CBD-Total [±]	< LOQ	%	0.0132		< LOQ	mg/8g	1.05			
CBDV	0.0433	%	0.0070		3.46	mg/8g	0.56			
CBDV-A	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBDV-Total	0.0433	%	0.0131		3.46	mg/8g	1.05			
CBE	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBG	0.0767	%	0.0070		6.14	mg/8g	0.56			
CBG-A	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBG-Total	0.0767	%	0.0131		6.14	mg/8g	1.05			
CBL	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBL-A	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBL-Total	< LOQ	%	0.0132		< LOQ	mg/8g	1.05			
CBN	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
CBT	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ10-THC-9R	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ10-THC-9S	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ10-THC-Total	< LOQ	%	0.0140		< LOQ	mg/8g	1.12			
Δ8-THC [±]	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ8-THCV	0.0155	%	0.0070		1.24	mg/8g	0.56			
Δ9-THC [±]	0.267	%	0.0070		21.4	mg/8g	0.56			
Δ9-THC-A [±]	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ9-THC-Total [±]	0.267	%	0.0132		21.4	mg/8g	1.05			
Δ9-THCP	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ9-THCV	0.0136	%	0.0070		1.09	mg/8g	0.56			
Δ9-THCV-A	< LOQ	%	0.0070		< LOQ	mg/8g	0.56			
Δ9-THCV-Total	0.0136	%	0.0131		1.09	mg/8g	1.05			



Potency					Method: J AOAC 2015 V98-6 (mod) ^b					Batch: 2507540		Analyze: 10/14/25
					Serving Size #1							
Analyte	Result	Units	LOQ	Notes	Result	Units	LOQ					
exo-THC	< LOQ	%	0.0070		< LOQ	mg/8g	0.56					
Total Cannabinoids	0.429	%			34.3	mg/8g						

Microbiology											
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method				Status	Notes
Salmonella spp. [⊥]	Negative		/25g		2508111	11/05/25	AOAC 2020.02 ^b				
EHEC including STEC [⊥]	Negative		/25g		2508112	11/05/25	AOAC 2020.06 ^b				

Solvents											
Method: Residual Solvents by HS-GC-MS ^b											
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	

Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)											
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	
Bifenazate [⊥]	< 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-ethyl [⊥]	< LOQ	0.20	0.100	pass	
Clofentezine [⊥]	< LOQ	0.20	0.100	pass		Cyfluthrin (sum) [⊥]	< LOQ	1.0	0.500	pass	
Cypermethrin (sum) [⊥]	< LOQ	1.0	0.500	pass		Daminozide [⊥]	< LOQ	1.0	0.500	pass	



Pesticides										
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2508141		Analyze: 11/04/25
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status
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		Paclobutrazole [±]	< 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	0.0179	2508207	11/05/25	AOAC 2013.06 (mod.) ^b	pass		
Cadmium [±]	< LOQ	0.200	mg/kg	0.0179	2508207	11/05/25	AOAC 2013.06 (mod.) ^b	pass		
Lead [±]	< LOQ	0.500	mg/kg	0.0179	2508207	11/05/25	AOAC 2013.06 (mod.) ^b	pass		
Mercury [±]	< LOQ	0.100	mg/kg	0.00896	2508207	11/05/25	AOAC 2013.06 (mod.) ^b	pass		

Mycotoxins										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes	
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2508213	11/06/25	Mycotoxins by AOAC 2007.01			
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2508213	11/06/25	Mycotoxins by AOAC 2007.01			
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2508213	11/06/25	Mycotoxins by AOAC 2007.01			
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2508213	11/06/25	Mycotoxins by AOAC 2007.01			
Ochratoxin A	< LOQ	20.0	µg/kg	5.00	2508213	11/06/25	Mycotoxins by AOAC 2007.01 ^b	pass		
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		11/11/25	Mycotoxins by AOAC 2007.01 ^b	pass		

**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.**Threshold Note:** OAR 333-007-0400

♢ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

Units of Measure

/25g = Per 25g

µg/g = Microgram per gram

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

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

% = Percentage of sample

mg/8g = Milligram per 8g

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 25-012252/D003.R000
Report Date: 11/14/2025
ORELAP#: OR100028
Purchase Order:
Received: 10/13/25 09:56



**Hemp & Cannabis
Chain of Custody**

**The-Hemp-Collect-
1760112656**

Company Details Company: <u>The Hemp Collect</u> Contact: <u>Cris Kingsland</u> Street Address: <u>2014 SE 9th</u> City, State, Zip: <u>Portland, OR 97214</u> Email: <u>coas@thehempcollect.com</u> Contact Phone: <u>7707220962</u> Billing Information Billing Email: <u>accounting@thehempcollect.com</u>			Project Details Turnaround Time: <u>4 Business Days</u> <u>Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, FedEx)</u> Additional Comments for Project: <u>after reviewing and passing potency we will want additional test as well. Thank You!</u> Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves			Testing	
#	Sample Name	Lot Additional Sample ID	Material	Amount Provided	Reporting Unit	Serving Size	
1	Live D9, Sativa, Mango, 20mg - Gummy	3031NC-100925	Cannabinoid Edible	84 g	mg/g & mg/serving	8 g	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Cris Kingsland</i>	<i>10/10/2025</i>	<i>09:10</i>	<i>dat</i>	<i>10/13/2025</i>	<i>09:56</i>	<i>20.20</i>	<i>CL-1243</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

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Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2507540**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0293	0.0295	%	99.4	80.0 - 120	Acceptable	
CBDV	2	0.0309	0.0310	%	99.5	80.0 - 120	Acceptable	
CBE	2	0.0337	0.0336	%	100	80.0 - 120	Acceptable	
CBDA	1	0.0281	0.0272	%	103	90.0 - 110	Acceptable	
CBGA	1	0.0311	0.0309	%	101	80.0 - 120	Acceptable	
CBG	1	0.0290	0.0289	%	100	80.0 - 120	Acceptable	
CBD	1	0.0280	0.0286	%	97.7	90.0 - 110	Acceptable	
THCV	2	0.0321	0.0318	%	101	80.0 - 120	Acceptable	
d8THCV	2	0.0327	0.0320	%	102	80.0 - 120	Acceptable	
THCVA	2	0.0281	0.0280	%	100	80.0 - 120	Acceptable	
CBN	1	0.0295	0.0291	%	102	80.0 - 120	Acceptable	
exo-THC	2	0.0296	0.0292	%	101	80.0 - 120	Acceptable	
d9THC	1	0.0326	0.0312	%	104	90.0 - 110	Acceptable	
d8THC	1	0.0276	0.0287	%	96.1	90.0 - 110	Acceptable	
9S-d10THC	1	0.0321	0.0321	%	100	80.0 - 120	Acceptable	
CBL	2	0.0316	0.0303	%	104	80.0 - 120	Acceptable	
9R-d10THC	1	0.0315	0.0320	%	98.5	80.0 - 120	Acceptable	
CBC	2	0.0312	0.0320	%	97.5	80.0 - 120	Acceptable	
THCA	1	0.0333	0.0337	%	98.9	90.0 - 110	Acceptable	
CBCA	2	0.0298	0.0300	%	99.1	80.0 - 120	Acceptable	
CBLA	2	0.0292	0.0298	%	98.2	80.0 - 120	Acceptable	
d9THCP	2	0.0293	0.0292	%	100	80.0 - 120	Acceptable	
CBT	2	0.0311	0.0314	%	99.2	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBDV	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBE	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBDA	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBGA	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBG	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBD	<LOQ	0.00698	%	< 0.00698	Acceptable	
THCV	<LOQ	0.00698	%	< 0.00698	Acceptable	
d8THCV	<LOQ	0.00698	%	< 0.00698	Acceptable	
THCVA	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBN	<LOQ	0.00698	%	< 0.00698	Acceptable	
exo-THC	<LOQ	0.00698	%	< 0.00698	Acceptable	
d9THC	<LOQ	0.00698	%	< 0.00698	Acceptable	
d8THC	<LOQ	0.00698	%	< 0.00698	Acceptable	
9S-d10THC	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBL	<LOQ	0.00698	%	< 0.00698	Acceptable	
9R-d10THC	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBC	<LOQ	0.00698	%	< 0.00698	Acceptable	
THCA	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBCA	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBLA	<LOQ	0.00698	%	< 0.00698	Acceptable	
d9THCP	<LOQ	0.00698	%	< 0.00698	Acceptable	
CBT	<LOQ	0.00698	%	< 0.00698	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: 2507540					
Sample Duplicate			Sample ID: 25-012050-0005-01					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00707	%	NA	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBG	0.282	0.279	0.00707	%	0.798	< 20	Acceptable	
CBD	0.267	0.267	0.00707	%	0.222	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
d9THC	0.284	0.281	0.00707	%	0.914	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00707	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00707	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00707	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00707	%	NA	< 20	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

Residual Solvents					Batch ID: 2508334				
Method Blank					Laboratory Control Sample				
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
1,1-Dichloroethane	ND	< 1		0.881	1	µg/g	88.1	50-150	
1,2-Dichloroethene, trans-	ND	< 1		0.907	1	µg/g	90.7	50-150	
1,2-Dichloroethene, cis-	ND	< 1		0.881	1	µg/g	88.1	50-150	
1,4-Dioxane	ND	< 100		446	509	µg/g	87.6	60-120	
1-Pentanol	ND	< 500		1280	1660	µg/g	77.1	50-150	
1-Propanol	ND	< 500		1370	1690	µg/g	81.1	50-150	
2,2-Dimethylbutane	ND	< 30		151	188	µg/g	80.3	60-120	
2,2-Dimethylpropane	ND	< 200		976	956	µg/g	102.1	60-120	
2,3-Dimethylbutane	ND	< 30		156	188	µg/g	83.0	60-120	
2-Butanol	ND	< 200		1360	1640	µg/g	82.9	60-120	
2-Ethoxyethanol	ND	< 30		140	188	µg/g	74.5	60-120	
2-Methylbutane	ND	< 200		1340	1660	µg/g	80.7	60-120	
2-Methylpentane	ND	< 30		170	189	µg/g	89.9	60-120	
2-Propanol	ND	< 200		1430	1680	µg/g	85.1	60-120	
3-Methylpentane	ND	< 30		160	188	µg/g	85.1	60-120	
Acetone	ND	< 200		1360	1670	µg/g	81.4	60-120	
Acetonitrile	ND	< 100		415	511	µg/g	81.2	60-120	
Anisole	ND	< 500		1390	1680	µg/g	82.7	50-150	
Benzene	ND	< 1		0.789	1	µg/g	78.9	50-150	
Butane	ND	< 200		702	769	µg/g	91.3	60-120	
Chloroform	ND	< 1		0.849	1	µg/g	84.9	50-150	
Cumene	ND	< 30		164	192	µg/g	85.4	60-120	
Cyclohexane	ND	< 200		1430	1650	µg/g	86.7	60-120	
Dichloromethane	ND	< 1		0.898	1	µg/g	89.8	50-150	
Ethanol	ND	< 200		1380	1650	µg/g	83.6	60-120	
Ethyl acetate	ND	< 200		1360	1630	µg/g	83.4	60-120	
Ethyl Ether	ND	< 200		1390	1630	µg/g	85.3	60-120	
Ethylbenzene	ND	< 200		896	996	µg/g	90.0	60-120	
Ethylene Glycol	ND	< 200		341	520	µg/g	65.6	60-120	
Ethylene Oxide	ND	< 1		0.964	1	µg/g	96.4	50-150	
Heptane	ND	< 200		1240	1630	µg/g	76.1	60-120	
Hexane	ND	< 30		160	191	µg/g	83.8	60-120	
Isobutane	ND	< 200		695	770	µg/g	90.3	60-120	
Isopropyl Acetate	ND	< 200		1270	1660	µg/g	76.5	60-120	
m,p-Xylene	ND	< 200		943	1030	µg/g	91.6	60-120	
Methanol	ND	< 200		1330	1660	µg/g	80.1	60-120	
Methyl Acetate	ND	< 500		1400	1650	µg/g	84.8	50-150	
Methylethylketone	ND	< 500		1450	1650	µg/g	87.9	50-150	
Methylisobutylketone	ND	< 500		1320	1660	µg/g	79.5	50-150	
N,N-dimethylformamide	ND	< 150		514	532	µg/g	96.6	50-150	
o-Xylene	ND	< 200		863	996	µg/g	86.6	60-120	
Pentane	ND	< 200		1330	1630	µg/g	81.6	60-120	
Propane	ND	< 200		515	585	µg/g	88.0	60-120	
Pyridine	ND	< 50		199	204	µg/g	97.5	50-150	
Tetrahydrofuran	ND	< 100		452	519	µg/g	87.1	60-120	
Toluene	ND	< 100		455	518	µg/g	87.8	60-120	
Trichloroethylene	ND	< 1		1.07	1	µg/g	107.0	50-150	
Triethylamine	ND	< 500		1520	1620	µg/g	93.8	50-150	


 Revision: 2 Document ID: 7087
 Legacy ID: CFL-E33Effective:

QC - Sample Duplicate
Sample ID: 25-012252-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethene, trans-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethene, cis-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm





Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.



Customer: The Hemp Collect
 2014 SE 9th Ave
 Portland Oregon 97214
 United States of America (USA)
Product identity: Live D9 Gummy, Hybrid, Sour Watermelon, 20mg
Metric ID: .
Material: Cannabinoid Edible
Laboratory ID: 25-011020-0002
Evidence of Cooling: No
Temp: 22.8 °C
Lot #: 3030NC_091525
Serving Size #1: 8 g


**THE HEMP
COLLECT**

Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b			Batch: 2506792			Analyze: 09/18/25		
Analyte	Result	Units	LOQ	Notes	Serving Size #1								
					Result	Units	LOQ						
CBC	0.0711	%	0.0078		5.68	mg/8g	0.62						
CBC-A	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBC-Total	0.0711	%	0.0146		5.69	mg/8g	1.17						
CBD [±]	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBD-A [±]	0.0101	%	0.0078		0.804	mg/8g	0.62						
CBD-Total [±]	< LOQ	%	0.0146		< LOQ	mg/8g	1.17						
CBDV	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBDV-A	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBDV-Total	< LOQ	%	0.0145		< LOQ	mg/8g	1.16						
CBE	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBG	0.00861	%	0.0078		0.689	mg/8g	0.62						
CBG-A	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBG-Total	< LOQ	%	0.0145		< LOQ	mg/8g	1.16						
CBL	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBL-A	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBL-Total	< LOQ	%	0.0146		< LOQ	mg/8g	1.17						
CBN	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
CBT	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ10-THC-9R	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ10-THC-9S	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ10-THC-Total	< LOQ	%	0.0156		< LOQ	mg/8g	1.25						
Δ8-THC [±]	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ8-THCV	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ9-THC [±]	0.262	%	0.0078		21.0	mg/8g	0.62						
Δ9-THC-A [±]	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ9-THC-Total [±]	0.262	%	0.0146		21.0	mg/8g	1.17						
Δ9-THCP	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ9-THCV	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ9-THCV-A	< LOQ	%	0.0078		< LOQ	mg/8g	0.62						
Δ9-THCV-Total	< LOQ	%	0.0145		< LOQ	mg/8g	1.16						



Potency					Method: J AOAC 2015 V98-6 (mod) ^b					Batch: 2506792			Analyze: 09/18/25	
					Serving Size #1									
Analyte	Result	Units	LOQ	Notes	Result	Units	LOQ							
exo-THC	< LOQ	%	0.0078		< LOQ	mg/8g	0.62							
Total Cannabinoids	0.352	%			28.2	mg/8g								

Microbiology											
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method				Status	Notes
Salmonella spp. [⊥]	Negative		/25g		2506938	09/25/25	AOAC 2020.02 ^b				
EHEC including STEC [⊥]	Negative		/25g		2506939	09/25/25	AOAC 2020.06 ^b				

Solvents											
Method: Residual Solvents by HS-GC-MS ^b											
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	

Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)											
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	
Bifenazate [⊥]	< 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-ethyl [⊥]	< LOQ	0.20	0.100	pass	
Clofentezine [⊥]	< LOQ	0.20	0.100	pass		Cyfluthrin (sum) [⊥]	< LOQ	1.0	0.500	pass	
Cypermethrin (sum) [⊥]	< LOQ	1.0	0.500	pass		Daminozide [⊥]	< LOQ	1.0	0.500	pass	



Pesticides					Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2507062	Analyze: 09/29/25			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
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		Etioazox [±]	< 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		Paclobutrazole [±]	< 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							

Terpenes					Method: J AOAC 2015 V98-6 ^b	Units %	Batch 2507137	Analyze: 09/30/25		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes	
nerol	< LOQ	0.019	0.00%		(+)-Pulegone	< LOQ	0.019	0.00%		
farnesene	< LOQ	0.019	0.00%		(+)-fenchol	< LOQ	0.019	0.00%		
Geranyl acetate	< LOQ	0.019	0.00%		(±)-cis-Nerolidol	< LOQ	0.019	0.00%		
Humulene	< LOQ	0.019	0.00%		a-Terpinene	< LOQ	0.019	0.00%		
p-Cymene	< LOQ	0.019	0.00%		a-cedrene	< LOQ	0.019	0.00%		
(-)-Guaiol	< LOQ	0.019	0.00%		valencene	< LOQ	0.019	0.00%		
cis-β-Ocimene	< LOQ	0.006	0.00%		a-Bisabolol	< LOQ	0.019	0.00%		
β-Caryophyllene	< LOQ	0.019	0.00%		(+)-Cedrol	< LOQ	0.019	0.00%		
Camphene	< LOQ	0.019	0.00%		(-)-a-Terpineol	< LOQ	0.019	0.00%		
(-)-caryophyllene oxide	< LOQ	0.019	0.00%		(-)-Isopulegol	< LOQ	0.019	0.00%		
(-)-β-Pinene	< LOQ	0.019	0.00%		(+)-Borneol	< LOQ	0.019	0.00%		
(±)-Camphor	< LOQ	0.019	0.00%		(±)-fenchone	< LOQ	0.019	0.00%		
(±)-trans-Nerolidol	< LOQ	0.019	0.00%		(R)-(+)-Limonene	< LOQ	0.019	0.00%		
a-phellandrene	< LOQ	0.019	0.00%		a-pinene	< LOQ	0.019	0.00%		
d-3-Carene	< LOQ	0.019	0.00%		Eucalyptol	< LOQ	0.019	0.00%		
gamma-Terpinene	< LOQ	0.019	0.00%		Geraniol	< LOQ	0.019	0.00%		
Isoborneol	< LOQ	0.019	0.00%		Linalool	< LOQ	0.019	0.00%		
Menthol	< LOQ	0.019	0.00%		Sabinene	< LOQ	0.019	0.00%		
Sabinene hydrate	< LOQ	0.019	0.00%		β-Myrcene	< LOQ	0.019	0.00%		
Terpinolene	< LOQ	0.019	0.00%		trans-β-Ocimene	< LOQ	0.013	0.00%		
Total Terpenes	< LOQ									



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [±]	< LOQ	0.200	mg/kg	0.0173	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0173	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0173	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00867	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ	20.0	µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01 ^b	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		10/01/25 Mycotoxins by AOAC 2007.01 ^b	pass	

**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.**Threshold Note:** OAR 333-007-0400

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓡ = TNI accredited analyte.

Units of Measure

/25g = Per 25g

µg/g = Microgram per gram

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

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

% = Percentage of sample

mg/8g = Milligram per 8g

% wt = µg/g divided by 10,000



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



Report Number: 25-011020/D004.R000
Report Date: 10/01/2025
ORELAP#: OR100028
Purchase Order:
Received: 09/17/25 09:52



**Hemp & Cannabis
Chain of Custody**

**The-Hemp-Collect-
1758053074**

Company Details Company: <u>The Hemp Collect</u> Contact: <u>Brooke McKenzie</u> Street Address: <u>2014 SE 9th Ave</u> City, State, Zip: <u>Portland, OR 97214</u> Email: <u>Coas@thehempcollect.com</u> Contact Phone: <u>7707220962</u> Billing Information Billing Email: <u>accounting@thehempcollect.com</u>					Project Details Turnaround Time: <u>4 Business Days</u> <u>Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves					Testing
#	Sample Name	Lot Additional Sample ID	Material	METRC Sample Package ID	Amount Provided	Reporting Unit	Specifications	Additional Test Requests and Sample Comments		
1	Live D9 Gummy, Hybrid, Sour Apple, 20mg	3008.ZNC..091525	Cannabinoid Edible	N/A	64 g	mg/g	mg/8g Gummy	Additional compliance testing will be added after reviewing potency.	✓	
2	Live D9 Gummy, Hybrid, Sour Watermelon, 20mg	3030NC..091525	Cannabinoid Edible	N/A	64 g	mg/g	mg/8g Gummy	Additional compliance testing will be added after reviewing potency.	✓	

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL #
	09/16/2025	13:04	dst	09/17/2025	09:52	22.80	CL-1243

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

Page 1 of 1
www.columbialaboratories.com


Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2506792**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0284	0.0280	%	101	80.0 - 120	Acceptable	
CBDV	2	0.0291	0.0286	%	102	80.0 - 120	Acceptable	
CBE	2	0.0331	0.0324	%	102	80.0 - 120	Acceptable	
CBDA	1	0.0277	0.0268	%	103	90.0 - 110	Acceptable	
CBGA	1	0.0304	0.0305	%	99.7	80.0 - 120	Acceptable	
CBG	1	0.0285	0.0280	%	102	80.0 - 120	Acceptable	
CBD	1	0.0278	0.0276	%	101	90.0 - 110	Acceptable	
THCV	2	0.0303	0.0302	%	100	80.0 - 120	Acceptable	
d8THCV	2	0.0307	0.0306	%	100	80.0 - 120	Acceptable	
THCVA	2	0.0277	0.0270	%	103	80.0 - 120	Acceptable	
CBN	1	0.0283	0.0282	%	100	80.0 - 120	Acceptable	
exo-THC	2	0.0280	0.0279	%	100	80.0 - 120	Acceptable	
d9THC	1	0.0301	0.0294	%	102	90.0 - 110	Acceptable	
d8THC	1	0.0285	0.0291	%	97.7	90.0 - 110	Acceptable	
9S-d10THC	1	0.0314	0.0312	%	101	80.0 - 120	Acceptable	
CBL	2	0.0296	0.0284	%	104	80.0 - 120	Acceptable	
9R-d10THC	1	0.0294	0.0311	%	94.3	80.0 - 120	Acceptable	
CBC	2	0.0295	0.0295	%	99.8	80.0 - 120	Acceptable	
THCA	1	0.0306	0.0328	%	93.2	90.0 - 110	Acceptable	
CBCA	2	0.0292	0.0289	%	101	80.0 - 120	Acceptable	
CBLA	2	0.0300	0.0292	%	103	80.0 - 120	Acceptable	
d9THCP	2	0.0291	0.0282	%	103	80.0 - 120	Acceptable	
CBT	2	0.0289	0.0287	%	101	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBDV	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBE	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBDA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBGA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBG	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBD	<LOQ	0.00757	%	< 0.00757	Acceptable	
THCV	<LOQ	0.00757	%	< 0.00757	Acceptable	
d8THCV	<LOQ	0.00757	%	< 0.00757	Acceptable	
THCVA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBN	<LOQ	0.00757	%	< 0.00757	Acceptable	
exo-THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
d9THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
d8THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
9S-d10THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBL	<LOQ	0.00757	%	< 0.00757	Acceptable	
9R-d10THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBC	<LOQ	0.00757	%	< 0.00757	Acceptable	
THCA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBCA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBLA	<LOQ	0.00757	%	< 0.00757	Acceptable	
d9THCP	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBT	<LOQ	0.00757	%	< 0.00757	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: 2506792					
Sample Duplicate			Sample ID: 25-011018-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBDA	0.0639	0.0647	0.00760	%	1.37	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBD	0.172	0.173	0.00760	%	0.458	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00760	%	NA	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00760	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00760	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662			Units: mg/Kg		Batch ID: 2507062			
Method Blank			Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.918	1.000	91.8	50.0 150	
Acephate	0.000	< 0.200		0.703	0.800	87.9	60.0 120	
Acequinocyl	0.029	< 1.000		2.456	4.000	61.4	40.0 160	
Acetamiprid	0.000	< 0.100		0.355	0.400	88.8	60.0 120	
Aldicarb	0.000	< 0.200		0.695	0.800	86.9	60.0 120	
Azoxystrobin	0.006	< 0.100		0.330	0.400	82.6	60.0 120	
Bifenazate	0.000	< 0.100		0.382	0.400	95.5	60.0 120	
Bifenthrin	0.000	< 0.100		0.309	0.400	77.3	50.0 150	
Boscalid	0.000	< 0.200		0.721	0.800	90.1	60.0 120	
Carbaryl	0.000	< 0.100		0.348	0.400	86.9	60.0 120	
Carbofuran	0.000	< 0.100		0.357	0.400	89.3	60.0 120	
Chlorantraniliprole	0.000	< 0.100		0.364	0.400	91.1	60.0 120	
Chlorfenapyr	0.000	< 0.500		1.513	2.000	75.7	60.0 120	
Chlorpyrifos	0.005	< 0.100		0.332	0.400	83.0	60.0 120	
Clofentezine	0.000	< 0.100		0.347	0.400	86.7	60.0 120	
Cyfluthrin	0.000	< 0.500		1.719	2.000	85.9	50.0 150	
Cypermethrin	0.000	< 0.500		1.605	2.000	80.3	50.0 150	
Daminozide	0.000	< 0.500		0.655	2.000	32.8	60.0 120	Q7
Diazinon	0.001	< 0.100		0.353	0.400	88.3	60.0 120	
Dichlorvos	0.000	< 0.500		1.743	2.000	87.2	60.0 120	
Dimethoate	0.000	< 0.100		0.357	0.400	89.3	60.0 120	
Ethoprophos	0.000	< 0.100		0.359	0.400	89.7	60.0 120	
Etofenprox	0.002	< 0.200		0.602	0.800	75.2	50.0 150	
Etoazole	0.001	< 0.100		0.340	0.400	85.0	60.0 120	
Fenoxycarb	0.001	< 0.100		0.343	0.400	85.8	60.0 120	
Fenpyroximate	0.000	< 0.200		0.681	0.800	85.1	60.0 120	
Fipronil	0.000	< 0.200		0.775	0.800	96.9	60.0 120	
Flonicamid	0.000	< 0.250		0.895	1.000	89.5	60.0 120	
Fludioxonil	0.000	< 0.200		0.796	0.800	99.5	50.0 150	
Hexythiazox	0.000	< 0.250		0.807	1.000	80.7	60.0 120	
Imazalil	0.007	< 0.100		0.364	0.400	91.0	60.0 120	
Imidacloprid	0.000	< 0.200		0.726	0.800	90.7	60.0 120	
Kresoxim-methyl	0.000	< 0.200		0.722	0.800	90.2	60.0 120	
Malathion	0.000	< 0.100		0.383	0.400	95.8	60.0 120	
Metalaxyl	0.002	< 0.100		0.364	0.400	91.1	60.0 120	
Methiocarb	0.002	< 0.100		0.334	0.400	83.6	60.0 120	
Methomyl	0.000	< 0.200		0.720	0.800	90.0	60.0 120	
MGK-264	0.000	< 0.100		0.351	0.400	87.8	50.0 150	
Myclobutanil	0.000	< 0.100		0.360	0.400	90.0	60.0 120	
Naled	0.002	< 0.250		0.897	1.000	89.7	50.0 150	
Oxamyl	0.000	< 0.500		1.758	2.000	87.9	60.0 120	
Paclobutrazole	0.003	< 0.200		0.713	0.800	89.1	60.0 120	
Parathion-Methyl	0.000	< 0.100		0.350	0.400	87.4	50.0 150	
Permethrin	0.002	< 0.100		0.303	0.400	75.8	50.0 150	
Phosmet	0.000	< 0.100		0.361	0.400	90.3	50.0 150	
Piperonyl butoxide	0.003	< 0.500		1.702	2.000	85.1	60.0 120	
Prallethrin	0.000	< 0.100		0.360	0.400	89.9	60.0 120	
Propiconazole	0.000	< 0.200		0.713	0.800	89.1	60.0 120	
Propoxur	0.001	< 0.100		0.353	0.400	88.3	60.0 120	
Pyrethrin (Summe)	0.001	< 0.100		0.437	0.488	89.6	60.0 120	
Pyridaben	0.001	< 0.100		0.315	0.400	78.8	50.0 150	
Spinosad	0.000	< 0.100		0.378	0.388	97.5	50.0 150	
Spiromesifen	0.001	< 0.100		0.354	0.400	88.4	60.0 120	
Spirotetramat	0.000	< 0.100		0.357	0.400	89.4	60.0 120	
Spiroxamine	0.004	< 0.200		0.739	0.800	92.4	60.0 120	



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662				Units: mg/Kg				Batch ID: 2507062			
Matrix Spike/Matrix Spike Duplicate Recoveries						Sample ID: 25-011359-0001					
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Abamectin	0.000	0.646	0.660	1.000	2.1%	< 30	64.6%	66.0%	50 - 150		
Acephate	0.000	0.619	0.516	0.800	18.2%	< 30	77.3%	64.4%	50 - 150		
Acequinocyl	0.222	2.481	2.507	4.000	1.1%	< 30	56.5%	57.1%	50 - 150		
Acetamiprid	0.000	0.304	0.270	0.400	11.9%	< 30	75.9%	67.4%	50 - 150		
Aldicarb	0.000	0.620	0.549	0.800	12.1%	< 30	77.5%	68.6%	50 - 150		
Azoxystrobin	0.006	0.238	0.225	0.400	5.6%	< 30	57.9%	54.7%	50 - 150		
Bifenazate	0.000	0.338	0.312	0.400	7.8%	< 30	84.4%	78.1%	50 - 150		
Bifenthrin	0.004	0.034	0.032	0.400	7.1%	< 30	7.6%	7.1%	50 - 150	Q	
Boscalid	0.003	0.642	0.604	0.800	6.1%	< 30	79.8%	75.1%	50 - 150		
Carbaryl	0.000	0.286	0.258	0.400	10.6%	< 30	71.6%	64.4%	50 - 150		
Carbofuran	0.000	0.243	0.215	0.400	12.0%	< 30	60.6%	53.8%	50 - 150		
Chlorantraniliprole	0.000	0.341	0.307	0.400	10.4%	< 30	85.2%	76.8%	50 - 150		
Chlorfenapyr	0.000	1.125	1.034	2.000	8.4%	< 30	56.2%	51.7%	50 - 150		
Chlorpyrifos	0.007	0.045	0.052	0.400	15.3%	< 30	9.6%	11.2%	50 - 150	Q	
Clofentezine	0.000	0.206	0.207	0.400	0.3%	< 30	51.6%	51.7%	50 - 150		
Cyfluthrin	0.000	0.581	0.589	2.000	1.4%	< 30	29.1%	29.5%	30 - 150	Q	
Cypermethrin	0.000	0.851	0.777	2.000	9.1%	< 30	42.6%	38.9%	50 - 150	Q	
Daminozide	0.000	0.646	0.598	2.000	7.6%	< 30	32.3%	29.9%	30 - 150	Q	
Diazinon	0.001	0.296	0.278	0.400	6.2%	< 30	73.8%	69.3%	50 - 150		
Dichlorvos	0.005	1.476	1.312	2.000	11.8%	< 30	73.6%	65.4%	50 - 150		
Dimethoate	0.000	0.297	0.270	0.400	9.5%	< 30	74.2%	67.4%	50 - 150		
Ethoprophos	0.001	0.301	0.280	0.400	7.3%	< 30	75.1%	69.9%	50 - 150		
Etofenprox	0.000	0.427	0.403	0.800	5.9%	< 30	53.4%	50.4%	50 - 150		
Etoxazole	0.001	0.282	0.269	0.400	4.7%	< 30	70.3%	67.1%	50 - 150		
Fenoxycarb	0.001	0.266	0.265	0.400	0.3%	< 30	66.3%	66.2%	50 - 150		
Fenpyroximate	0.000	0.489	0.480	0.800	1.8%	< 30	61.1%	60.0%	50 - 150		
Fipronil	0.000	1.098	1.045	0.800	4.9%	< 30	137.2%	130.6%	50 - 150		
Flonicamid	0.000	0.885	0.788	1.000	11.6%	< 30	88.5%	78.8%	50 - 150		
Fludioxonil	0.000	0.842	0.830	0.800	1.5%	< 30	105.3%	103.7%	50 - 150		
Hexythiazox	0.001	0.148	0.148	1.000	0.3%	< 30	14.8%	14.7%	50 - 150	Q	
Imazalil	0.007	0.239	0.230	0.400	3.8%	< 30	57.9%	55.7%	50 - 150		
Imidacloprid	0.000	0.663	0.624	0.800	6.1%	< 30	82.9%	78.0%	50 - 150		
Kresoxim-methyl	0.000	0.492	0.507	0.800	2.9%	< 30	61.5%	63.4%	50 - 150		
Malathion	0.000	0.296	0.274	0.400	7.7%	< 30	74.1%	68.6%	50 - 150		
Metalaxyl	0.006	0.285	0.279	0.400	2.2%	< 30	70.0%	68.4%	50 - 150		
Methiocarb	0.002	0.246	0.225	0.400	8.7%	< 30	60.9%	55.8%	50 - 150		
Methomyl	0.000	0.661	0.559	0.800	16.8%	< 30	82.6%	69.9%	50 - 150		
MGK-264	0.000	0.091	0.092	0.400	0.6%	< 30	22.8%	22.9%	50 - 150	Q	
Myclobutanil	0.000	0.305	0.302	0.400	0.8%	< 30	76.2%	75.6%	50 - 150		
Naled	0.002	0.599	0.547	1.000	9.0%	< 30	59.7%	54.6%	50 - 150		
Oxamyl	0.000	1.611	1.463	2.000	9.6%	< 30	80.5%	73.2%	50 - 150		
Paclobutrazole	0.004	0.565	0.534	0.800	5.7%	< 30	70.2%	66.3%	50 - 150		
Parathion-Methyl	0.000	0.508	0.547	0.400	7.4%	< 30	127.0%	136.7%	30 - 150		
Permethrin	0.000	0.327	0.294	0.400	10.8%	< 30	81.8%	73.5%	50 - 150		
Phosmet	0.000	0.290	0.272	0.400	6.6%	< 30	72.6%	67.9%	50 - 150		
Piperonyl butoxide	0.018	1.943	1.902	2.000	2.2%	< 30	96.3%	94.2%	50 - 150		
Prallethrin	0.000	0.330	0.319	0.400	3.4%	< 30	82.4%	79.6%	50 - 150		
Propiconazole	0.001	0.600	0.548	0.800	9.1%	< 30	74.8%	68.3%	50 - 150		
Propoxur	0.013	0.296	0.259	0.400	14.0%	< 30	70.8%	61.5%	50 - 150		
Pyrethrin (Summe)	0.101	0.426	0.410	0.488	5.1%	< 30	66.6%	63.3%	50 - 150		
Pyridaben	0.002	0.308	0.301	0.400	2.2%	< 30	76.5%	74.8%	50 - 150		
Spinosad	0.000	0.252	0.239	0.388	5.2%	< 30	64.8%	61.5%	50 - 150		
Spiromesifen	0.001	0.249	0.224	0.400	10.7%	< 30	62.0%	55.7%	50 - 150		
Spirotetramat	0.000	0.378	0.358	0.400	5.4%	< 30	94.5%	89.5%	50 - 150		
Spiroxamine	0.004	0.620	0.596	0.800	4.0%	< 30	77.1%	74.0%	50 - 150		


Laboratory Quality Control Results

Residual Solvents				Batch ID: 2507067			
Method Blank				Laboratory Control Sample			
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec Limits Notes
1,1-Dichloroethane	ND	< 1		1.02	1	µg/g	102.0 50-150
1,2-Dichloroethene, trans-	ND	< 1		1.01	1	µg/g	101.0 50-150
1,4-Dioxane	ND	< 100		441	496	µg/g	88.9 60-120
1-Pentanol	ND	< 500		1580	1610	µg/g	98.1 50-150
1-Propanol	ND	< 500		1460	1620	µg/g	90.1 50-150
2,2-Dimethylbutane	ND	< 30		164	172	µg/g	95.3 60-120
2,2-Dimethylpropane	ND	< 200		585	956	µg/g	61.2 60-120
2,3-Dimethylbutane	ND	< 30		171	173	µg/g	98.8 60-120
2-Butanol	ND	< 200		1600	1610	µg/g	99.4 60-120
2-Ethoxyethanol	ND	< 30		166	177	µg/g	93.8 60-120
2-methyl-1-propanol	ND	< 500		1160	1610	µg/g	72.0 50-150
2-Methylbutane	ND	< 200		1610	1630	µg/g	98.8 60-120
2-Methylpentane	ND	< 30		121	164	µg/g	73.8 60-120
2-Propanol	ND	< 200		1550	1610	µg/g	96.3 60-120
3-Methyl-1-butanol	ND	< 500		1390	1610	µg/g	86.3 50-150
3-Methylpentane	ND	< 30		168	183	µg/g	91.8 60-120
Acetone	ND	< 200		1560	1620	µg/g	96.3 60-120
Acetonitrile	ND	< 100		492	493	µg/g	99.8 60-120
Anisole	ND	< 500		1250	1620	µg/g	77.2 50-150
Benzene	ND	< 1		0.913	1	µg/g	91.3 50-150
Butane	ND	< 200		520	769	µg/g	67.6 60-120
Butyl Acetate	ND	< 500		1600	1620	µg/g	98.8 50-150
Carbon Tetrachloride	ND	< 1		0.85	1	µg/g	85.0 50-150
Cumene	ND	< 30		150	174	µg/g	86.2 60-120
Cyclohexane	ND	< 200		1460	1630	µg/g	89.6 60-120
Dichloromethane	ND	< 1		0.955	1	µg/g	95.5 50-150
Ethanol	ND	< 200		1630	1630	µg/g	100.0 60-120
Ethyl acetate	ND	< 200		1570	1630	µg/g	96.3 60-120
Ethyl Ether	ND	< 200		1550	1620	µg/g	95.7 60-120
Ethylbenzene	ND	< 200		876	976	µg/g	89.8 60-120
Ethylene Glycol	ND	< 200		407	484	µg/g	84.1 60-120
Ethylene Oxide	ND	< 1		1.25	1	µg/g	125.0 50-150
Heptane	ND	< 200		1560	1600	µg/g	97.5 60-120
Hexane	ND	< 30		161	172	µg/g	93.6 60-120
Isobutane	ND	< 200		519	770	µg/g	67.4 60-120
Isopropyl Acetate	ND	< 200		1560	1610	µg/g	96.9 60-120
m,p-Xylene	ND	< 200		873	988	µg/g	88.4 60-120
Methanol	ND	< 200		1600	1650	µg/g	97.0 60-120
Methylisobutylketone	ND	< 500		1430	1620	µg/g	88.3 50-150
MTBE	ND	< 500		1340	1630	µg/g	82.2 50-150
N,N-dimethylacetamide	ND	< 150		515	524	µg/g	98.3 50-150
o-Xylene	ND	< 200		865	975	µg/g	88.7 60-120
Pentane	ND	< 200		1590	1610	µg/g	98.8 60-120
Propane	ND	< 200		414	585	µg/g	70.8 60-120
Propyl Acetate	ND	< 500		1430	1600	µg/g	89.4 50-150
Sulfolane	ND	< 50		121	165	µg/g	73.3 50-150
Tetrahydrofuran	ND	< 100		450	486	µg/g	92.6 60-120
Toluene	ND	< 100		428	485	µg/g	88.2 60-120


 Revision: 2 Document ID: 7087
 Legacy ID: CFL-E33Effective:

QC - Sample Duplicate
Sample ID: 25-010890-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethene, trans-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Carbon Tetrachloride	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm


Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2507137					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 196		352	451	µg/g	78%	70 - 130	
Camphene	<LOQ	< 196		408	489	µg/g	83%	70 - 130	
Sabinene	<LOQ	< 196		332	451	µg/g	74%	70 - 130	
b-Pinene	<LOQ	< 196		349	451	µg/g	77%	70 - 130	
b-Myrcene	<LOQ	< 196		394	489	µg/g	80%	70 - 130	
a-phellandrene	<LOQ	< 196		384	489	µg/g	79%	70 - 130	
d-3-Carene	<LOQ	< 196		474	489	µg/g	97%	70 - 130	
a-Terpinene	<LOQ	< 196		342	451	µg/g	76%	70 - 130	
p-Cymene	<LOQ	< 196		387	489	µg/g	79%	70 - 130	
D-Limonene	<LOQ	< 196		346	451	µg/g	77%	70 - 130	
Eucalyptol	<LOQ	< 196		370	489	µg/g	76%	70 - 130	
b-cis-Ocimene	<LOQ	< 65		117	150	µg/g	78%	70 - 130	
b-trans-Ocimene	<LOQ	< 130		241	301	µg/g	80%	70 - 130	
g-Terpinene	<LOQ	< 196		334	451	µg/g	74%	70 - 130	
Sabinene_Hydrate	<LOQ	< 196		316	451	µg/g	70%	70 - 130	
Terpinolene	<LOQ	< 196		340	451	µg/g	75%	70 - 130	
D-Fenchone	<LOQ	< 196		325	451	µg/g	72%	70 - 130	
Linalool	<LOQ	< 196		313	489	µg/g	64%	70 - 130	Q7
Fenchol	<LOQ	< 196		312	451	µg/g	69%	70 - 130	Q7
Camphor	<LOQ	< 196		366	489	µg/g	75%	70 - 130	
Isopulego	<LOQ	< 196		335	489	µg/g	68%	70 - 130	Q7
Isoborneol	<LOQ	< 196		349	489	µg/g	71%	70 - 130	
Borneol	<LOQ	< 196		316	451	µg/g	70%	70 - 130	
DL-Menthol	<LOQ	< 196		321	489	µg/g	66%	70 - 130	Q7
Terpineol	<LOQ	< 196		332	451	µg/g	74%	70 - 130	
Nerol	<LOQ	< 196		263	489	µg/g	54%	70 - 130	Q7
Pulegone	<LOQ	< 196		323	451	µg/g	72%	70 - 130	
Geraniol	<LOQ	< 196		314	451	µg/g	70%	70 - 130	
Geranyl_Acetate	<LOQ	< 196		333	489	µg/g	68%	70 - 130	Q7
a-Cedrene	<LOQ	< 196		342	451	µg/g	76%	70 - 130	
b-Caryophyllene	<LOQ	< 196		385	489	µg/g	79%	70 - 130	
a-Humulene	<LOQ	< 196		390	451	µg/g	86%	70 - 130	
Valenene	<LOQ	< 196		370	489	µg/g	76%	70 - 130	
cis-Nerolidol	<LOQ	< 196		369	489	µg/g	75%	70 - 130	
a-Farnesene	<LOQ	< 196		610	489	µg/g	125%	70 - 130	
trans-Nerolidol	<LOQ	< 196		317	451	µg/g	70%	70 - 130	
Caryophyllene_Oxide	<LOQ	< 196		345	489	µg/g	70%	70 - 130	
Guaiol	<LOQ	< 196		381	451	µg/g	85%	70 - 130	
Cedrol	<LOQ	< 196		370	489	µg/g	76%	70 - 130	
a-Bisabolol	<LOQ	< 196		390	489	µg/g	80%	70 - 130	

Definitions

LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
% REC	Percent Recovery


Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2507137			
Sample/Sample Duplicate		Sample ID: 25-010938-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-phelllاندrene	<LOQ	<LOQ	188	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	188	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	62.8	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	126	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	188	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	188	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	188	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	188	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	188	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	188	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	188	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	188	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	188	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	188	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	188	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Bisabolol	<LOQ	<LOQ	188	µg/g	0%	< 20	

Definitions

RPD	Relative Percent Difference
Q7	Quality control outside QC limits.





Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.



This is an amended version of report# 25-014056/D001.R000.

Reason: Additional testing included.

Customer: The Hemp Collect
 2014 SE 9th Ave
 Portland Oregon 97214
 United States of America (USA)

Product identity: Live D9, Indica, Passionfruit, 20mg

Metric ID: .

Material: Cannabinoid Edible

Laboratory ID: 25-014056-0001

Evidence of Cooling: No

Temp: 19.1 °C

Lot #: 3032NC_111525

Serving Size #1: 8 g



**THE HEMP
COLLECT**

Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b			Batch: 2508595			Analyze: 11/19/25		
Analyte					Serving Size #1								
					Result	Units	LOQ	Notes	Result	Units	LOQ		
CBC					0.0663	%	0.0071		5.31	mg/8g	0.57		
CBC-A					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBC-Total					0.0663	%	0.0133		5.30	mg/8g	1.06		
CBD [±]					0.0113	%	0.0071		0.903	mg/8g	0.57		
CBD-A [±]					0.0137	%	0.0071		1.09	mg/8g	0.57		
CBD-Total [±]					0.0233	%	0.0133		1.86	mg/8g	1.06		
CBDV					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBDV-A					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBDV-Total					< LOQ	%	0.0132		< LOQ	mg/8g	1.06		
CBE					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBG					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBG-A					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBG-Total					< LOQ	%	0.0132		< LOQ	mg/8g	1.06		
CBL					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBL-A					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
CBL-Total					< LOQ	%	0.0133		< LOQ	mg/8g	1.06		
CBN					0.134	%	0.0071		10.8	mg/8g	0.57		
CBT					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ10-THC-9R					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ10-THC-9S					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ10-THC-Total					< LOQ	%	0.0141		< LOQ	mg/8g	1.13		
Δ8-THC [±]					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ8-THCV					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ9-THC [±]					0.278	%	0.0071		22.3	mg/8g	0.57		
Δ9-THC-A [±]					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ9-THC-Total [±]					0.278	%	0.0133		22.2	mg/8g	1.06		
Δ9-THCP					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		
Δ9-THCV					< LOQ	%	0.0071		< LOQ	mg/8g	0.57		



Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Batch: 2508595	Analyze: 11/19/25
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Analyte	Result	Units	LOQ	Notes	Serving Size #1	Result	Units	LOQ
Δ9-THCV-A	< LOQ	%	0.0071			< LOQ	mg/8g	0.57
Δ9-THCV-Total	< LOQ	%	0.0132			< LOQ	mg/8g	1.06
exo-THC	< LOQ	%	0.0071			< LOQ	mg/8g	0.57
Total Cannabinoids	0.503	%				40.2	mg/8g	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Salmonella spp. [±]	Negative		/25g		2508754	11/27/25 AOAC 2020.02 ^b		
EHEC including STEC [±]	Negative		/25g		2508755	11/27/25 AOAC 2020.06 ^b		

Solvents	Method: Residual Solvents by HS-GC-MS ^b	Units µg/g	Batch 2508876	Analyze: 12/03/25
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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	

Pesticides	Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2508856	Analyze: 12/03/25
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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	
Bifenazate [±]	< 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-ethyl [±]	< LOQ	0.20	0.100	pass	
Clofentezine [±]	< LOQ	0.20	0.100	pass		Cyfluthrin (sum) [±]	< LOQ	1.0	0.500	pass	
Cypermethrin (sum) [±]	< LOQ	1.0	0.500	pass		Daminozide [±]	< LOQ	1.0	0.500	pass	



Pesticides										
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2508856		Analyze: 12/03/25
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status
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		Etioazox [±]	< 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		Paclobutrazole [±]	< 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	0.0182	2508890	12/03/25 AOAC 2013.06 (mod.) ^b	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0182	2508890	12/03/25 AOAC 2013.06 (mod.) ^b	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0182	2508890	12/03/25 AOAC 2013.06 (mod.) ^b	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00912	2508890	12/03/25 AOAC 2013.06 (mod.) ^b	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2508802	12/01/25 Mycotoxins by AOAC 2007.01		
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2508802	12/01/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2508802	12/01/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2508802	12/01/25 Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ	20.0	µg/kg	5.00	2508802	12/01/25 Mycotoxins by AOAC 2007.01 ^b	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		12/04/25 Mycotoxins by AOAC 2007.01 ^b	pass	

**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.**Threshold Note:** OAR 333-007-0400

▷ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

Units of Measure

/25g = Per 25g

μg/g = Microgram per gram

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

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

% = Percentage of sample

mg/8g = Milligram per 8g

% wt = μg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 25-014056/D001.R001
Report Date: 12/04/2025
ORELAP#: OR100028
Purchase Order:
Received: 11/18/25 10:07



**Hemp & Cannabis
Chain of Custody**

**The-Hemp-
Collect-1763392469**

Company Details Company: The Hemp Collect Contact: Cris Kingsland Street Address: 2014 SE 9th City, State, Zip: Portland, OR 97214 Email: coas@thehempcollect.com Contact Phone: 7707220962 Billing Information Billing Email: accounting@thehempcollect.com			Project Details Turnaround Time: 4 Business Days Surcharges Apply Relinquishment Sampling, Courier & Shipping Options: By Shipping Service (USPS, UPS, Fedex) Additional Comments for Project: Will request further testing after reviewing potency. Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves			Testing H010 - Potency Cannabis (Basic-Expanded)	
#	Sample Name	Lot Additional Sample ID	Material	Amount Provided	Reporting Unit	Serving Size	
1	Live D9, Indica, Passionfruit, 20mg	3032NC-111525	Cannabinoid Edible	72 g	mg/g & mg/serving	8 g	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Cris Kingsland</i>	<i>11/17/2025</i>	<i>07:14</i>	<i>nds</i>	<i>11/18/2025</i>	<i>10:07</i>	<i>19.10</i>	<i>CL-0530</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

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info@columbialaboratories.com

Page 1 of 1
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Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2508595**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0297	0.0303	%	98.2	80.0 - 120	Acceptable	
CBDV	2	0.0323	0.0328	%	98.6	80.0 - 120	Acceptable	
CBE	2	0.0327	0.0333	%	98.0	80.0 - 120	Acceptable	
CBDA	1	0.0276	0.0286	%	96.4	90.0 - 110	Acceptable	
CBGA	1	0.0294	0.0300	%	98.0	80.0 - 120	Acceptable	
CBG	1	0.0269	0.0276	%	97.6	80.0 - 120	Acceptable	
CBD	1	0.0254	0.0271	%	93.7	90.0 - 110	Acceptable	
THCV	2	0.0329	0.0327	%	101	80.0 - 120	Acceptable	
d8THCV	2	0.0262	0.0260	%	101	80.0 - 120	Acceptable	
THCVA	2	0.0287	0.0290	%	98.9	80.0 - 120	Acceptable	
CBN	1	0.0275	0.0276	%	99.5	80.0 - 120	Acceptable	
exo-THC	2	0.0299	0.0303	%	98.9	80.0 - 120	Acceptable	
d9THC	1	0.0294	0.0294	%	99.9	90.0 - 110	Acceptable	
d8THC	1	0.0276	0.0280	%	98.9	90.0 - 110	Acceptable	
9S-d10THC	1	0.0301	0.0308	%	97.8	80.0 - 120	Acceptable	
CBL	2	0.0310	0.0298	%	104	80.0 - 120	Acceptable	
9R-d10THC	1	0.0318	0.0329	%	96.7	80.0 - 120	Acceptable	
CBC	2	0.0317	0.0329	%	96.5	80.0 - 120	Acceptable	
THCA	1	0.0295	0.0306	%	96.2	90.0 - 110	Acceptable	
CBCA	2	0.0312	0.0319	%	97.8	80.0 - 120	Acceptable	
CBLA	2	0.0311	0.0315	%	98.7	80.0 - 120	Acceptable	
d9THCP	2	0.0302	0.0305	%	98.9	80.0 - 120	Acceptable	
CBT	2	0.0319	0.0326	%	97.8	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBDV	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBE	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBDA	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBGA	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBG	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBD	<LOQ	0.00703	%	< 0.00703	Acceptable	
THCV	<LOQ	0.00703	%	< 0.00703	Acceptable	
d8THCV	<LOQ	0.00703	%	< 0.00703	Acceptable	
THCVA	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBN	<LOQ	0.00703	%	< 0.00703	Acceptable	
exo-THC	<LOQ	0.00703	%	< 0.00703	Acceptable	
d9THC	<LOQ	0.00703	%	< 0.00703	Acceptable	
d8THC	<LOQ	0.00703	%	< 0.00703	Acceptable	
9S-d10THC	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBL	<LOQ	0.00703	%	< 0.00703	Acceptable	
9R-d10THC	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBC	<LOQ	0.00703	%	< 0.00703	Acceptable	
THCA	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBCA	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBLA	<LOQ	0.00703	%	< 0.00703	Acceptable	
d9THCP	<LOQ	0.00703	%	< 0.00703	Acceptable	
CBT	<LOQ	0.00703	%	< 0.00703	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: 2508595					
Sample Duplicate			Sample ID: 25-014020-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00703	%	NA	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBG	0.00733	0.00744	0.00703	%	1.54	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00703	%	NA	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
d9THC	0.254	0.261	0.00703	%	2.83	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00703	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00703	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00703	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00703	%	NA	< 20	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

Residual Solvents					Batch ID: 2508876				
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
1,2-Dichloroethene, trans-	ND	< 1		0.852	1	µg/g	85.2	50-150	
1,2-dimethoxyethane	ND	< 50		139	164	µg/g	84.8	50-150	
1,4-Dioxane	ND	< 100		456	509	µg/g	89.6	60-120	
2,2-Dimethylbutane	ND	< 30		170	188	µg/g	90.4	60-120	
2,2-Dimethylpropane	ND	< 200		758	956	µg/g	79.3	60-120	
2,3-Dimethylbutane	ND	< 30		188	188	µg/g	100.0	60-120	
2-Butanol	ND	< 200		1500	1640	µg/g	91.5	60-120	
2-Ethoxyethanol	ND	< 30		165	188	µg/g	87.8	60-120	
2-methyl-1-propanol	ND	< 500		1460	1640	µg/g	89.0	50-150	
2-Methylbutane	ND	< 200		1600	1660	µg/g	96.4	60-120	
2-Methylpentane	ND	< 30		191	189	µg/g	101.1	60-120	
2-Propanol	ND	< 200		1650	1680	µg/g	98.2	60-120	
3-Methyl-1-butanol	ND	< 500		1460	1660	µg/g	88.0	50-150	
3-Methylpentane	ND	< 30		177	188	µg/g	94.1	60-120	
Acetone	ND	< 200		1600	1670	µg/g	95.8	60-120	
Acetonitrile	ND	< 100		489	511	µg/g	95.7	60-120	
Anisole	ND	< 500		1460	1680	µg/g	86.9	50-150	
Benzene	ND	< 1		0.878	1	µg/g	87.8	50-150	
Butane	ND	< 200		600	769	µg/g	78.0	60-120	
Chlorobenzene	ND	< 1		1.04	1	µg/g	104.0	50-150	
Chloroform	ND	< 1		0.946	1	µg/g	94.6	50-150	
Cumene	ND	< 30		162	192	µg/g	84.4	60-120	
Cyclohexane	ND	< 200		1530	1650	µg/g	92.7	60-120	
Dichloromethane	ND	< 1		0.975	1	µg/g	97.5	50-150	
Ethanol	ND	< 200		1600	1650	µg/g	97.0	60-120	
Ethyl acetate	ND	< 200		1530	1630	µg/g	93.9	60-120	
Ethyl Ether	ND	< 200		1560	1630	µg/g	95.7	60-120	
Ethylbenzene	ND	< 200		873	996	µg/g	87.7	60-120	
Ethylene Glycol	ND	< 200		475	520	µg/g	91.3	60-120	
Ethylene Oxide	ND	< 1		0.616	1	µg/g	61.6	50-150	
Heptane	ND	< 200		1470	1630	µg/g	90.2	60-120	
Hexane	ND	< 30		184	191	µg/g	96.3	60-120	
Isobutane	ND	< 200		584	770	µg/g	75.8	60-120	
Isopropyl Acetate	ND	< 200		1540	1660	µg/g	92.8	60-120	
m,p-Xylene	ND	< 200		894	1030	µg/g	86.8	60-120	
Methanol	ND	< 200		1700	1660	µg/g	102.4	60-120	
Methyl Acetate	ND	< 500		1430	1650	µg/g	86.7	50-150	
Methylethylketone	ND	< 500		1450	1650	µg/g	87.9	50-150	
MTBE	ND	< 500		1510	1650	µg/g	91.5	50-150	
N,N-dimethylformamide	ND	< 150		478	532	µg/g	89.8	50-150	
o-Xylene	ND	< 200		845	996	µg/g	84.8	60-120	
Pentane	ND	< 200		1580	1630	µg/g	96.9	60-120	
Propane	ND	< 200		470	585	µg/g	80.3	60-120	
Pyridine	ND	< 50		184	204	µg/g	90.2	50-150	
Sulfolane	ND	< 50		184	220	µg/g	83.6	50-150	
Tetrahydrofuran	ND	< 100		477	519	µg/g	91.9	60-120	
Toluene	ND	< 100		458	518	µg/g	88.4	60-120	
Trichloroethylene	ND	< 1		1.04	1	µg/g	104.0	50-150	


 Revision: 2 Document ID: 7087
 Legacy ID: CFL-E33Effective:

QC - Sample Duplicate
Sample ID: 25-014523-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,2-Dichloroethene, trans-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Chlorobenzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	234	233	100	µg/g	0.4	< 20	Acceptable	
Toluene	502	567	100	µg/g	12.2	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm





Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.



This is an amended version of report# 25-010567/D001.R000.

Reason: Additional Testing Performed

Customer: The Hemp Collect
 2014 SE 9th Ave
 Portland Oregon 97214
 United States of America (USA)

Product identity: Live D9, Sativa, Strawberry Rhubarb, Gummy, 20mg

Metric ID: 3029.2NC_090425

Material: Cannabinoid Edible

Laboratory ID: 25-010567-0001

Evidence of Cooling: No

Temp: 21.8 °C

Lot #: 3029.2NC_090425

Serving Size #1: 8 g



Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b			Batch: 2506503			Analyze: 09/09/25		
Analyte	Result	Units	LOQ	Notes	Serving Size #1								
					Result	Units	LOQ						
CBC	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBC-A	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBC-Total	< LOQ	%	0.0140		< LOQ	mg/8g	1.12						
CBD [±]	0.0226	%	0.0075		1.81	mg/8g	0.60						
CBD-A [±]	0.0129	%	0.0075		1.03	mg/8g	0.60						
CBD-Total [±]	0.0339	%	0.0140		2.71	mg/8g	1.12						
CBDV	0.0367	%	0.0075		2.94	mg/8g	0.60						
CBDV-A	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBDV-Total	0.0367	%	0.0140		2.94	mg/8g	1.12						
CBE	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBG	0.0585	%	0.0075		4.68	mg/8g	0.60						
CBG-A	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBG-Total	0.0585	%	0.0140		4.68	mg/8g	1.12						
CBL	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBL-A	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBL-Total	< LOQ	%	0.0140		< LOQ	mg/8g	1.12						
CBN	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
CBT	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ10-THC-9R	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ10-THC-9S	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ10-THC-Total	< LOQ	%	0.0150		< LOQ	mg/8g	1.20						
Δ8-THC [±]	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ8-THCV	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ9-THC [±]	0.238	%	0.0075		19.1	mg/8g	0.60						
Δ9-THC-A [±]	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ9-THC-Total [±]	0.238	%	0.0140		19.0	mg/8g	1.12						
Δ9-THCP	< LOQ	%	0.0075		< LOQ	mg/8g	0.60						
Δ9-THCV	0.0132	%	0.0075		1.06	mg/8g	0.60						



Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Batch: 2506503	Analyze: 09/09/25
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Analyte	Result	Units	LOQ	Notes	Serving Size #1	Result	Units	LOQ
Δ9-THCV-A	< LOQ	%	0.0075			< LOQ	mg/8g	0.60
Δ9-THCV-Total	< LOQ	%	0.0140			< LOQ	mg/8g	1.12
exo-THC	< LOQ	%	0.0075			< LOQ	mg/8g	0.60
Total Cannabinoids	0.382	%				30.6	mg/8g	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Salmonella spp. [±]	Negative		/15g		2506568	09/13/25 AOAC 2020.02 ^b		
EHEC including STEC [±]	Negative		/15g		2506569	09/13/25 AOAC 2020.06 ^b		

Solvents	Method: Residual Solvents by HS-GC-MS ^b	Units μg/g	Batch 2506685	Analyze: 09/16/25
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Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane [±]	< LOQ		100			2-Butanol [±]	< LOQ		200		
2-Ethoxyethanol [±]	< LOQ		30.0			2-Methylbutane (Isopentane) [±]	< LOQ		200		
2-Methylpentane [±]	< LOQ		30.0			2-Propanol (IPA) [±]	< LOQ		200		
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		200			Acetonitrile [±]	< LOQ		100		
Benzene [±]	< LOQ		1.00			Butanes (sum) [±]	< LOQ		400		
Cyclohexane [±]	< LOQ		200			Ethyl acetate [±]	< LOQ		200		
Ethyl benzene	< LOQ		200			Ethyl ether [±]	< LOQ		200		
Ethylene glycol [±]	< LOQ		200			Ethylene oxide [±]	< LOQ		20.0		
Hexanes (sum) [±]	< LOQ		150			Isopropyl acetate [±]	< LOQ		200		
Isopropylbenzene (Cumene) [±]	< LOQ		30.0			m,p-Xylene [±]	< LOQ		200		
Methanol [±]	< LOQ		200			Methylene chloride [±]	< LOQ		60.0		
Methylpropane (Isobutane) [±]	< LOQ		200			n-Butane [±]	< LOQ		200		
n-Heptane [±]	< LOQ		200			n-Hexane [±]	< LOQ		30.0		
n-Pentane [±]	< LOQ		200			o-Xylene [±]	< LOQ		200		
Pentanes (sum) [±]	< LOQ		600			Propane [±]	< LOQ		200		
Tetrahydrofuran [±]	< LOQ		100			Toluene [±]	< LOQ		100		
Total Xylenes [±]	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ		600		

Pesticides	Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2506677	Analyze: 09/16/25
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Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [±]	< LOQ		0.250			Acephate [±]	< LOQ		0.200		
Acequinocyl [±]	< LOQ		1.00			Acetamiprid [±]	< LOQ		0.100		
Aldicarb [±]	< LOQ		0.200			Azoxystrobin [±]	< LOQ		0.100		
Bifenazate [±]	< LOQ		0.100			Bifenthrin [±]	< LOQ		0.100		
Boscalid [±]	< LOQ		0.200			Carbaryl [±]	< LOQ		0.100		
Carbofuran [±]	< LOQ		0.100			Chlorantraniliprole [±]	< LOQ		0.100		
Chlorfenapyr [±]	< LOQ		0.500			Chlorpyrifos-ethyl [±]	< LOQ		0.100		
Clofentezine [±]	< LOQ		0.100			Cyfluthrin (sum) [±]	< LOQ		0.500		
Cypermethrin (sum) [±]	< LOQ		0.500			Daminozide [±]	< LOQ		0.500		



Pesticides					Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2506677	Analyze: 09/16/25			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Diazinon [±]	< LOQ		0.100			Dichlorvos [±]	< LOQ		0.500		
Dimethoate [±]	< LOQ		0.100			Ethoprophos [±]	< LOQ		0.100		
Etofenprox [±]	< LOQ		0.200			Etoxazole [±]	< LOQ		0.100		
Fenoxycarb [±]	< LOQ		0.100			Fenpyroximate [±]	< LOQ		0.200		
Fipronil [±]	< LOQ		0.200			Flonicamid [±]	< LOQ		0.400		
Fludioxonil [±]	< LOQ		0.200			Hexythiazox [±]	< LOQ		0.400		
Imazalil [±]	< LOQ		0.100			Imidacloprid [±]	< LOQ		0.200		
Kresoxim-methyl [±]	< LOQ		0.200			Malathion [±]	< LOQ		0.100		
Metalaxyl [±]	< LOQ		0.100			Methiocarb [±]	< LOQ		0.100		
Methomyl [±]	< LOQ		0.200			MGK-264 [±]	< LOQ		0.100		
Myclobutanil [±]	< LOQ		0.100			Naled [±]	< LOQ		0.250		
Oxamyl [±]	< LOQ		0.500			Paclobutrazole [±]	< LOQ		0.200		
Parathion-methyl [±]	< LOQ		0.100			Permethrin [±]	< LOQ		0.100		
Phosmet [±]	< LOQ		0.100			Piperonyl butoxide [±]	< LOQ		1.00		
Prallethrin [±]	< LOQ		0.100			Propiconazole [±]	< LOQ		0.200		
Propoxur [±]	< LOQ		0.100			Pyrethrin I (total) [±]	< LOQ		0.500		
Pyridaben [±]	< LOQ		0.100			Spinosad [±]	< LOQ		0.100		
Spiromesifen [±]	< LOQ		0.100			Spirotetramat [±]	< LOQ		0.100		
Spiroxamine [±]	< LOQ		0.200			Tebuconazole [±]	< LOQ		0.200		
Thiacloprid [±]	< LOQ		0.100			Thiamethoxam [±]	< LOQ		0.100		
Trifloxystrobin [±]	< LOQ		0.100								

Terpenes					Method: J AOAC 2015 V98-6 ^b	Units %	Batch 2506788	Analyze: 09/18/25		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes	
nerol	< LOQ	0.019	0.00%		(+)-Pulegone	< LOQ	0.019	0.00%		
(±)-cis-Nerolidol	< LOQ	0.019	0.00%		Menthol	< LOQ	0.019	0.00%		
p-Cymene	< LOQ	0.019	0.00%		gamma-Terpinene	< LOQ	0.019	0.00%		
trans-β-Ocimene	< LOQ	0.013	0.00%		α-phellandrene	< LOQ	0.019	0.00%		
valencene	< LOQ	0.019	0.00%		β-Caryophyllene	< LOQ	0.019	0.00%		
α-cedrene	< LOQ	0.019	0.00%		α-Bisabolol	< LOQ	0.019	0.00%		
(-)-Guaiol	< LOQ	0.019	0.00%		Humulene	< LOQ	0.019	0.00%		
(+)-Cedrol	< LOQ	0.019	0.00%		(-)-α-Terpineol	< LOQ	0.019	0.00%		
(-)-caryophyllene oxide	< LOQ	0.019	0.00%		(-)-Isopulegol	< LOQ	0.019	0.00%		
(-)-β-Pinene	< LOQ	0.019	0.00%		(+)-Borneol	< LOQ	0.019	0.00%		
(+)-fenchol	< LOQ	0.019	0.00%		(±)-Camphor	< LOQ	0.019	0.00%		
(±)-fenchone	< LOQ	0.019	0.00%		(±)-trans-Nerolidol	< LOQ	0.019	0.00%		
(R)-(+)-Limonene	< LOQ	0.019	0.00%		α-pinene	< LOQ	0.019	0.00%		
α-Terpinene	< LOQ	0.019	0.00%		Camphene	< LOQ	0.019	0.00%		
cis-β-Ocimene	< LOQ	0.006	0.00%		d-3-Carene	< LOQ	0.019	0.00%		
Eucalyptol	< LOQ	0.019	0.00%		farnesene	< LOQ	0.019	0.00%		
Geraniol	< LOQ	0.019	0.00%		Geranyl acetate	< LOQ	0.019	0.00%		
Isoborneol	< LOQ	0.019	0.00%		Linalool	< LOQ	0.019	0.00%		
Sabinene	< LOQ	0.019	0.00%		Sabinene hydrate	< LOQ	0.019	0.00%		
β-Myrcene	< LOQ	0.019	0.00%		Terpinolene	< LOQ	0.019	0.00%		
Total Terpenes	< LOQ									



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [±]	< LOQ		mg/kg	0.0155	2506684	09/16/25 AOAC 2013.06 (mod.) ^b		
Cadmium [±]	< LOQ		mg/kg	0.0155	2506684	09/16/25 AOAC 2013.06 (mod.) ^b		
Lead [±]	< LOQ		mg/kg	0.0155	2506684	09/16/25 AOAC 2013.06 (mod.) ^b		
Mercury [±]	< LOQ		mg/kg	0.00774	2506684	09/16/25 AOAC 2013.06 (mod.) ^b		

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2506665	09/16/25 Mycotoxins by AOAC 2007.01		
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2506665	09/16/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2506665	09/16/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2506665	09/16/25 Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ		µg/kg	5.00	2506665	09/16/25 Mycotoxins by AOAC 2007.01 ^b		
Total Aflatoxins	< LOQ		µg/kg	20.0		09/19/25 Mycotoxins by AOAC 2007.01 ^b		



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

/15g = Per 15g

µg/g = Microgram per gram

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

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

% = Percentage of sample

mg/8g = Milligram per 8g

% wt = µg/g divided by 10,000



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



Report Number: 25-010567/D001.R001
Report Date: 09/19/2025
ORELAP#: OR100028
Purchase Order:
Received: 09/08/25 10:15



**Hemp & Cannabis
Chain of Custody**

**The-Hemp-Collect-
1757013178**

Company Details Company: <u>The Hemp Collect</u> Contact: <u>Brooke McKenzie</u> Street Address: <u>2014 SE 9th Ave</u> City, State, Zip: <u>Portland, OR 97214</u> Email: <u>Coas@thehempcollect.com</u> Contact Phone: <u>7707220962</u> Billing Information Billing Email: <u>accounting@thehempcollect.com</u>					Project Details Turnaround Time: <u>3 Business Days</u> <u>Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service</u> (USPS, UPS, Fedex) Receipt Information Evidence of Cooling?: No Sample Condition: Damage Observed Prelog Storage: Canna Shelves				Testing
#	Sample Name	Lot Additional Sample ID	Material	Additional Test Requests and Sample Comments	METRC Sample Package ID	Specifications	Reporting Unit	Amount Provided	±
1	Live D9, Sativa, Strawberry Rhubarb, Gummy, 20mg	3029.2NC..090425	Cannabinoid Edible	After we review potency results, we will add additional testing to this sample to make it an Oregon full panel test. Thank you!	3029.2NC..090425	mg/8g unit	mg/g	64 g	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
Brooke McKenzie	09/04/2025	12:12	rls	09/08/2025	10:15	21.80	CL-1243

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

Page 1 of 1
www.columbialaboratories.com


Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2506503**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0279	0.0273	%	102	80.0 - 120	Acceptable	
CBDV	2	0.0285	0.0278	%	103	80.0 - 120	Acceptable	
CBE	2	0.0331	0.0315	%	105	80.0 - 120	Acceptable	
CBDA	1	0.0251	0.0253	%	99.3	90.0 - 110	Acceptable	
CBGA	1	0.0279	0.0287	%	97.1	80.0 - 120	Acceptable	
CBG	1	0.0254	0.0264	%	96.4	80.0 - 120	Acceptable	
CBD	1	0.0251	0.0260	%	96.7	90.0 - 110	Acceptable	
THCV	2	0.0302	0.0294	%	103	80.0 - 120	Acceptable	
d8THCV	2	0.0300	0.0297	%	101	80.0 - 120	Acceptable	
THCVA	2	0.0270	0.0263	%	103	80.0 - 120	Acceptable	
CBN	1	0.0264	0.0265	%	99.5	80.0 - 120	Acceptable	
exo-THC	2	0.0278	0.0271	%	103	80.0 - 120	Acceptable	
d9THC	1	0.0284	0.0277	%	102	90.0 - 110	Acceptable	
d8THC	1	0.0259	0.0275	%	94.4	90.0 - 110	Acceptable	
9S-d10THC	1	0.0289	0.0294	%	98.3	80.0 - 120	Acceptable	
CBL	2	0.0285	0.0276	%	103	80.0 - 120	Acceptable	
9R-d10THC	1	0.0286	0.0293	%	97.5	80.0 - 120	Acceptable	
CBC	2	0.0288	0.0287	%	100	80.0 - 120	Acceptable	
THCA	1	0.0303	0.0309	%	98.2	90.0 - 110	Acceptable	
CBCA	2	0.0283	0.0281	%	101	80.0 - 120	Acceptable	
CBLA	2	0.0296	0.0284	%	104	80.0 - 120	Acceptable	
d9THCP	2	0.0283	0.0275	%	103	80.0 - 120	Acceptable	
CBT	2	0.0292	0.0279	%	105	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBDV	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBE	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBDA	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBGA	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBG	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBD	<LOQ	0.00701	%	< 0.00701	Acceptable	
THCV	<LOQ	0.00701	%	< 0.00701	Acceptable	
d8THCV	<LOQ	0.00701	%	< 0.00701	Acceptable	
THCVA	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBN	<LOQ	0.00701	%	< 0.00701	Acceptable	
exo-THC	<LOQ	0.00701	%	< 0.00701	Acceptable	
d9THC	<LOQ	0.00701	%	< 0.00701	Acceptable	
d8THC	<LOQ	0.00701	%	< 0.00701	Acceptable	
9S-d10THC	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBL	<LOQ	0.00701	%	< 0.00701	Acceptable	
9R-d10THC	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBC	<LOQ	0.00701	%	< 0.00701	Acceptable	
THCA	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBCA	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBLA	<LOQ	0.00701	%	< 0.00701	Acceptable	
d9THCP	<LOQ	0.00701	%	< 0.00701	Acceptable	
CBT	<LOQ	0.00701	%	< 0.00701	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: 2506503					
Sample Duplicate			Sample ID: 25-010379-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00724	%	NA	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBG	0.0163	0.0179	0.00724	%	9.29	< 20	Acceptable	
CBD	0.566	0.560	0.00724	%	1.09	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBN	0.120	0.119	0.00724	%	0.777	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00724	%	NA	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00724	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00724	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00724	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00724	%	NA	< 20	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

Residual Solvents				Batch ID: 2506685					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
1,1-Dichloroethane	ND	< 1		0.807	1	µg/g	80.7	50-150	
1,4-Dioxane	ND	< 100		493	496	µg/g	99.4	60-120	
1-Propanol	ND	< 500		1760	1620	µg/g	108.6	50-150	
2,2-Dimethylbutane	ND	< 30		171	172	µg/g	99.4	60-120	
2,2-Dimethylpropane	ND	< 200		601	956	µg/g	62.9	60-120	
2,3-Dimethylbutane	ND	< 30		165	173	µg/g	95.4	60-120	
2-Butanol	ND	< 200		1660	1610	µg/g	103.1	60-120	
2-Ethoxyethanol	ND	< 30		175	177	µg/g	98.9	60-120	
2-methyl-1-propanol	ND	< 500		1730	1610	µg/g	107.5	50-150	
2-Methylbutane	ND	< 200		1630	1630	µg/g	100.0	60-120	
2-Methylpentane	ND	< 30		161	164	µg/g	98.2	60-120	
2-Propanol	ND	< 200		1600	1610	µg/g	99.4	60-120	
3-Methylpentane	ND	< 30		178	183	µg/g	97.3	60-120	
Acetone	ND	< 200		1610	1620	µg/g	99.4	60-120	
Acetonitrile	ND	< 100		489	493	µg/g	99.2	60-120	
Benzene	ND	< 1		0.736	1	µg/g	73.6	50-150	
Butane	ND	< 200		505	769	µg/g	65.7	60-120	
Butyl Acetate	ND	< 500		1830	1620	µg/g	113.0	50-150	
Cumene	ND	< 30		164	174	µg/g	94.3	60-120	
Cyclohexane	ND	< 200		1580	1630	µg/g	96.9	60-120	
Dichloromethane	ND	< 1		0.819	1	µg/g	81.9	50-150	
DMSO	ND	< 500		1780	1620	µg/g	109.9	50-150	
Ethanol	ND	< 200		1680	1630	µg/g	103.1	60-120	
Ethyl acetate	ND	< 200		1590	1630	µg/g	97.5	60-120	
Ethyl Ether	ND	< 200		1630	1620	µg/g	100.6	60-120	
Ethyl Formate	ND	< 500		1420	1620	µg/g	87.7	50-150	
Ethylbenzene	ND	< 200		973	976	µg/g	99.7	60-120	
Ethylene Glycol	ND	< 200		414	484	µg/g	85.5	60-120	
Ethylene Oxide	ND	< 1		1.03	1	µg/g	103.0	50-150	
Heptane	ND	< 200		1640	1600	µg/g	102.5	60-120	
Hexane	ND	< 30		168	172	µg/g	97.7	60-120	
Isobutane	ND	< 200		491	770	µg/g	63.8	60-120	
Isopropyl Acetate	ND	< 200		1620	1610	µg/g	100.6	60-120	
m,p-Xylene	ND	< 200		987	988	µg/g	99.9	60-120	
Methanol	ND	< 200		1600	1650	µg/g	97.0	60-120	
Methyl Acetate	ND	< 500		1630	1620	µg/g	100.6	50-150	
Methylisobutylketone	ND	< 500		1820	1620	µg/g	112.3	50-150	
o-Xylene	ND	< 200		974	975	µg/g	99.9	60-120	
Pentane	ND	< 200		1590	1610	µg/g	98.8	60-120	
Propane	ND	< 200		363	585	µg/g	62.1	60-120	
Propyl Acetate	ND	< 500		1740	1600	µg/g	108.8	50-150	
Sulfolane	ND	< 50		162	165	µg/g	98.2	50-150	
Tetrahydrofuran	ND	< 100		472	486	µg/g	97.1	60-120	
Toluene	ND	< 100		481	485	µg/g	99.2	60-120	
Trichloroethylene	ND	< 1		0.696	1	µg/g	69.6	50-150	
Triethylamine	ND	< 500		1580	1620	µg/g	97.5	50-150	


QC - Sample Duplicate
Sample ID: 25-010736-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g - Microgram per gram or ppm


Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2506788					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 191		590	489	µg/g	121%	70 - 130	
Camphene	<LOQ	< 191		563	477	µg/g	118%	70 - 130	
Sabinene	<LOQ	< 191		456	489	µg/g	93%	70 - 130	
b-Pinene	<LOQ	< 191		477	489	µg/g	97%	70 - 130	
b-Myrcene	<LOQ	< 191		524	477	µg/g	110%	70 - 130	
a-phellandrene	<LOQ	< 191		552	477	µg/g	116%	70 - 130	
d-3-Carene	<LOQ	< 191		569	477	µg/g	119%	70 - 130	
a-Terpinene	<LOQ	< 191		445	489	µg/g	91%	70 - 130	
p-Cymene	<LOQ	< 191		573	477	µg/g	120%	70 - 130	
D-Limonene	<LOQ	< 191		449	489	µg/g	92%	70 - 130	
Eucalyptol	<LOQ	< 191		543	477	µg/g	114%	70 - 130	
b-cis-Ocimene	<LOQ	< 64		168	163	µg/g	103%	70 - 130	
b-trans-Ocimene	<LOQ	< 127		337	326	µg/g	103%	70 - 130	
g-Terpinene	<LOQ	< 191		424	489	µg/g	87%	70 - 130	
Sabinene_Hydrate	<LOQ	< 191		417	489	µg/g	85%	70 - 130	
Terpinolene	<LOQ	< 191		410	489	µg/g	84%	70 - 130	
D-Fenchone	<LOQ	< 191		485	489	µg/g	99%	70 - 130	
Linalool	<LOQ	< 191		548	477	µg/g	115%	70 - 130	
Fenchol	<LOQ	< 191		440	489	µg/g	90%	70 - 130	
Camphor	<LOQ	< 191		575	477	µg/g	120%	70 - 130	
Isopulego	<LOQ	< 191		532	477	µg/g	111%	70 - 130	
Isoborneol	<LOQ	< 191		539	477	µg/g	113%	70 - 130	
Borneol	<LOQ	< 191		420	489	µg/g	86%	70 - 130	
DL-Menthhol	<LOQ	< 191		478	477	µg/g	100%	70 - 130	
Terpineol	<LOQ	< 191		376	489	µg/g	77%	70 - 130	
Nerol	<LOQ	< 191		381	477	µg/g	80%	70 - 130	
Pulegone	<LOQ	< 191		343	489	µg/g	70%	70 - 130	
Geraniol	<LOQ	< 191		358	489	µg/g	73%	70 - 130	
Geranyl_Acetate	<LOQ	< 191		452	477	µg/g	95%	70 - 130	
a-Cedrene	<LOQ	< 191		471	489	µg/g	96%	70 - 130	
b-Caryophyllene	<LOQ	< 191		570	477	µg/g	119%	70 - 130	
a-Humulene	<LOQ	< 191		479	489	µg/g	98%	70 - 130	
Valenene	<LOQ	< 191		552	477	µg/g	116%	70 - 130	
cis-Nerolidol	<LOQ	< 191		587	477	µg/g	123%	70 - 130	
a-Farnesene	<LOQ	< 191		543	477	µg/g	114%	70 - 130	
trans-Nerolidol	<LOQ	< 191		407	489	µg/g	83%	70 - 130	
Caryophyllene_Oxide	<LOQ	< 191		557	477	µg/g	117%	70 - 130	
Guaiol	<LOQ	< 191		461	489	µg/g	94%	70 - 130	
Cedrol	<LOQ	< 191		572	477	µg/g	120%	70 - 130	
a-Bisabolol	<LOQ	< 191		547	477	µg/g	115%	70 - 130	

Definitions

LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
% REC	Percent Recovery


Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2506788			
Sample/Sample Duplicate		Sample ID: 25-010567-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	195	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	195	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	195	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	195	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	195	µg/g	0%	< 20	
a-phelllاندrene	<LOQ	<LOQ	195	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	195	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	195	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	195	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	195	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	195	µg/g	0%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	65.0	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	130	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	195	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	195	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	195	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	195	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	195	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	195	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	195	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	195	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	195	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	195	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	195	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	195	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	195	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	195	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	195	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	195	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	195	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	195	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	195	µg/g	0%	< 20	
a-Bisabolol	<LOQ	<LOQ	195	µg/g	0%	< 20	

Definitions

RPD

Relative Percent Difference





Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.



Customer: The Hemp Collect
 2014 SE 9th Ave
 Portland Oregon 97214
 United States of America (USA)
Product identity: Live D9 Gummy, Hybrid, Sour Apple, 20mg
Metric ID: .
Material: Cannabinoid Edible
Laboratory ID: 25-011020-0001
Evidence of Cooling: No
Temp: 22.8 °C
Lot #: 3008.2NC_091525
Serving Size #1: 8 g


**THE HEMP
COLLECT**

Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b				Batch: 2506792			Analyze: 09/18/25		
Analyte	Result	Units	LOQ	Notes	Serving Size #1			Result	Units	LOQ				
CBC	0.0721	%	0.0076		5.77	mg/8g	0.61							
CBC-A	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBC-Total	0.0721	%	0.0143		5.77	mg/8g	1.14							
CBD [±]	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBD-A [±]	0.0106	%	0.0076		0.849	mg/8g	0.61							
CBD-Total [±]	< LOQ	%	0.0143		< LOQ	mg/8g	1.14							
CBDV	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBDV-A	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBDV-Total	< LOQ	%	0.0142		< LOQ	mg/8g	1.14							
CBE	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBG	0.00993	%	0.0076		0.794	mg/8g	0.61							
CBG-A	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBG-Total	< LOQ	%	0.0142		< LOQ	mg/8g	1.14							
CBL	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBL-A	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBL-Total	< LOQ	%	0.0143		< LOQ	mg/8g	1.14							
CBN	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
CBT	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ10-THC-9R	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ10-THC-9S	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ10-THC-Total	< LOQ	%	0.0152		< LOQ	mg/8g	1.22							
Δ8-THC [±]	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ8-THCV	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ9-THC [±]	0.269	%	0.0076		21.5	mg/8g	0.61							
Δ9-THC-A [±]	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ9-THC-Total [±]	0.269	%	0.0143		21.5	mg/8g	1.14							
Δ9-THCP	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ9-THCV	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ9-THCV-A	< LOQ	%	0.0076		< LOQ	mg/8g	0.61							
Δ9-THCV-Total	< LOQ	%	0.0142		< LOQ	mg/8g	1.14							



Potency					Method: J AOAC 2015 V98-6 (mod) ^b					Batch: 2506792					Analyze: 09/18/25				
					Serving Size #1														
Analyte		Result	Units	LOQ	Notes	Result		Units		LOQ									
exo-THC		< LOQ	%	0.0076		< LOQ		mg/8g		0.61									
Total Cannabinoids		0.362	%			29.0		mg/8g											

Microbiology											
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method				Status	Notes
Salmonella spp. [⊥]	Negative		/25g		2506938	09/25/25	AOAC 2020.02 ^b				
EHEC including STEC [⊥]	Negative		/25g		2506939	09/25/25	AOAC 2020.06 ^b				

Solvents											
Method: Residual Solvents by HS-GC-MS ^b											
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	

Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)											
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	
Bifenazate [⊥]	< 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-ethyl [⊥]	< LOQ	0.20	0.100	pass	
Clofentezine [⊥]	< LOQ	0.20	0.100	pass		Cyfluthrin (sum) [⊥]	< LOQ	1.0	0.500	pass	
Cypermethrin (sum) [⊥]	< LOQ	1.0	0.500	pass		Daminozide [⊥]	< LOQ	1.0	0.500	pass	



Pesticides					Method: AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 2507062	Analyze: 09/29/25			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
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		Etioazox [±]	< 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		Paclobutrazole [±]	< 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							

Terpenes	Method: J AOAC 2015 V98-6 ^b				Units %	Batch 2507137	Analyze: 09/30/25		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(-)-a-Terpineol	< LOQ	0.018	0.00%		nerol	< LOQ	0.018	0.00%	
(+)-Pulegone	< LOQ	0.018	0.00%		(+)-fenchol	< LOQ	0.018	0.00%	
Geranyl acetate	< LOQ	0.018	0.00%		Linalool	< LOQ	0.018	0.00%	
(±)-cis-Nerolidol	< LOQ	0.018	0.00%		Menthol	< LOQ	0.018	0.00%	
a-cedrene	< LOQ	0.018	0.00%		Humulene	< LOQ	0.018	0.00%	
trans-β-Ocimene	< LOQ	0.012	0.00%		p-Cymene	< LOQ	0.018	0.00%	
(-)-Guaiol	< LOQ	0.018	0.00%		Sabinene	< LOQ	0.018	0.00%	
a-Bisabolol	< LOQ	0.018	0.00%		Camphene	< LOQ	0.018	0.00%	
(+)-Cedrol	< LOQ	0.018	0.00%		(-)-caryophyllene oxide	< LOQ	0.018	0.00%	
(-)-Isopulegol	< LOQ	0.018	0.00%		(-)-β-Pinene	< LOQ	0.018	0.00%	
(+)-Borneol	< LOQ	0.018	0.00%		(±)-Camphor	< LOQ	0.018	0.00%	
(±)-fenchone	< LOQ	0.018	0.00%		(±)-trans-Nerolidol	< LOQ	0.018	0.00%	
(R)-(+)-Limonene	< LOQ	0.018	0.00%		a-phellandrene	< LOQ	0.018	0.00%	
a-pinene	< LOQ	0.018	0.00%		a-Terpinene	< LOQ	0.018	0.00%	
cis-β-Ocimene	< LOQ	0.006	0.00%		d-3-Carene	< LOQ	0.018	0.00%	
Eucalyptol	< LOQ	0.018	0.00%		farnesene	< LOQ	0.018	0.00%	
gamma-Terpinene	< LOQ	0.018	0.00%		Geraniol	< LOQ	0.018	0.00%	
Isoborneol	< LOQ	0.018	0.00%		Sabinene hydrate	< LOQ	0.018	0.00%	
β-Caryophyllene	< LOQ	0.018	0.00%		β-Myrcene	< LOQ	0.018	0.00%	
Terpinolene	< LOQ	0.018	0.00%		valencene	< LOQ	0.018	0.00%	
Total Terpenes	< LOQ								



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [±]	< LOQ	0.200	mg/kg	0.0172	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	
Cadmium [±]	< LOQ	0.200	mg/kg	0.0172	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	
Lead [±]	< LOQ	0.500	mg/kg	0.0172	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	
Mercury [±]	< LOQ	0.100	mg/kg	0.00858	2507034	09/26/25 AOAC 2013.06 (mod.) ^b	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B1 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Aflatoxin B2 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G1 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Aflatoxin G2 [±]	< LOQ		µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01		
Ochratoxin A	< LOQ	20.0	µg/kg	5.00	2507059	09/29/25 Mycotoxins by AOAC 2007.01 ^b	pass	
Total Aflatoxins	< LOQ	20.0	µg/kg	20.0		10/01/25 Mycotoxins by AOAC 2007.01 ^b	pass	



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.

Threshold Note: OAR 333-007-0400

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓡ = TNI accredited analyte.

Units of Measure

/25g = Per 25g

µg/g = Microgram per gram

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

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

% = Percentage of sample

mg/8g = Milligram per 8g

% wt = µg/g divided by 10,000



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



Report Number: 25-011020/D005.R000
Report Date: 10/01/2025
ORELAP#: OR100028
Purchase Order:
Received: 09/17/25 09:52



**Hemp & Cannabis
Chain of Custody**

**The-Hemp-Collect-
1758053074**

Company Details Company: <u>The Hemp Collect</u> Contact: <u>Brooke McKenzie</u> Street Address: <u>2014 SE 9th Ave</u> City, State, Zip: <u>Portland, OR 97214</u> Email: <u>Coas@thehempcollect.com</u> Contact Phone: <u>7707220962</u> Billing Information Billing Email: <u>accounting@thehempcollect.com</u>					Project Details Turnaround Time: <u>4 Business Days</u> <u>Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves					Testing
#	Sample Name	Lot Additional Sample ID	Material	METRC Sample Package ID	Amount Provided	Reporting Unit	Specifications	Additional Test Requests and Sample Comments		
1	Live D9 Gummy, Hybrid, Sour Apple, 20mg	3008.ZNC..091525	Cannabinoid Edible	N/A	64 g	mg/g	mg/8g Gummy	Additional compliance testing will be added after reviewing potency.	✓	
2	Live D9 Gummy, Hybrid, Sour Watermelon, 20mg	3030NC..091525	Cannabinoid Edible	N/A	64 g	mg/g	mg/8g Gummy	Additional compliance testing will be added after reviewing potency.	✓	

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL #
	09/16/2025	13:04	dst	09/17/2025	09:52	22.80	CL-1243

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

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Page 1 of 1
www.columbialaboratories.com


Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2506792**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0284	0.0280	%	101	80.0 - 120	Acceptable	
CBDV	2	0.0291	0.0286	%	102	80.0 - 120	Acceptable	
CBE	2	0.0331	0.0324	%	102	80.0 - 120	Acceptable	
CBDA	1	0.0277	0.0268	%	103	90.0 - 110	Acceptable	
CBGA	1	0.0304	0.0305	%	99.7	80.0 - 120	Acceptable	
CBG	1	0.0285	0.0280	%	102	80.0 - 120	Acceptable	
CBD	1	0.0278	0.0276	%	101	90.0 - 110	Acceptable	
THCV	2	0.0303	0.0302	%	100	80.0 - 120	Acceptable	
d8THCV	2	0.0307	0.0306	%	100	80.0 - 120	Acceptable	
THCVA	2	0.0277	0.0270	%	103	80.0 - 120	Acceptable	
CBN	1	0.0283	0.0282	%	100	80.0 - 120	Acceptable	
exo-THC	2	0.0280	0.0279	%	100	80.0 - 120	Acceptable	
d9THC	1	0.0301	0.0294	%	102	90.0 - 110	Acceptable	
d8THC	1	0.0285	0.0291	%	97.7	90.0 - 110	Acceptable	
9S-d10THC	1	0.0314	0.0312	%	101	80.0 - 120	Acceptable	
CBL	2	0.0296	0.0284	%	104	80.0 - 120	Acceptable	
9R-d10THC	1	0.0294	0.0311	%	94.3	80.0 - 120	Acceptable	
CBC	2	0.0295	0.0295	%	99.8	80.0 - 120	Acceptable	
THCA	1	0.0306	0.0328	%	93.2	90.0 - 110	Acceptable	
CBCA	2	0.0292	0.0289	%	101	80.0 - 120	Acceptable	
CBLA	2	0.0300	0.0292	%	103	80.0 - 120	Acceptable	
d9THCP	2	0.0291	0.0282	%	103	80.0 - 120	Acceptable	
CBT	2	0.0289	0.0287	%	101	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBDV	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBE	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBDA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBGA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBG	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBD	<LOQ	0.00757	%	< 0.00757	Acceptable	
THCV	<LOQ	0.00757	%	< 0.00757	Acceptable	
d8THCV	<LOQ	0.00757	%	< 0.00757	Acceptable	
THCVA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBN	<LOQ	0.00757	%	< 0.00757	Acceptable	
exo-THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
d9THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
d8THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
9S-d10THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBL	<LOQ	0.00757	%	< 0.00757	Acceptable	
9R-d10THC	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBC	<LOQ	0.00757	%	< 0.00757	Acceptable	
THCA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBCA	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBLA	<LOQ	0.00757	%	< 0.00757	Acceptable	
d9THCP	<LOQ	0.00757	%	< 0.00757	Acceptable	
CBT	<LOQ	0.00757	%	< 0.00757	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: 2506792					
Sample Duplicate			Sample ID: 25-011018-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBDA	0.0639	0.0647	0.00760	%	1.37	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBD	0.172	0.173	0.00760	%	0.458	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00760	%	NA	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00760	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00760	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00760	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662			Units: mg/Kg		Batch ID: 2507062			
Method Blank			Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS % Rec	Limits	Notes
Abamectin	0.000	< 0.250		0.918	1.000	91.8	50.0 150	
Acephate	0.000	< 0.200		0.703	0.800	87.9	60.0 120	
Acequinocyl	0.029	< 1.000		2.456	4.000	61.4	40.0 160	
Acetamiprid	0.000	< 0.100		0.355	0.400	88.8	60.0 120	
Aldicarb	0.000	< 0.200		0.695	0.800	86.9	60.0 120	
Azoxystrobin	0.006	< 0.100		0.330	0.400	82.6	60.0 120	
Bifenazate	0.000	< 0.100		0.382	0.400	95.5	60.0 120	
Bifenthrin	0.000	< 0.100		0.309	0.400	77.3	50.0 150	
Boscalid	0.000	< 0.200		0.721	0.800	90.1	60.0 120	
Carbaryl	0.000	< 0.100		0.348	0.400	86.9	60.0 120	
Carbofuran	0.000	< 0.100		0.357	0.400	89.3	60.0 120	
Chlorantraniliprole	0.000	< 0.100		0.364	0.400	91.1	60.0 120	
Chlorfenapyr	0.000	< 0.500		1.513	2.000	75.7	60.0 120	
Chlorpyrifos	0.005	< 0.100		0.332	0.400	83.0	60.0 120	
Clofentezine	0.000	< 0.100		0.347	0.400	86.7	60.0 120	
Cyfluthrin	0.000	< 0.500		1.719	2.000	85.9	50.0 150	
Cypermethrin	0.000	< 0.500		1.605	2.000	80.3	50.0 150	
Daminozide	0.000	< 0.500		0.655	2.000	32.8	60.0 120	Q7
Diazinon	0.001	< 0.100		0.353	0.400	88.3	60.0 120	
Dichlorvos	0.000	< 0.500		1.743	2.000	87.2	60.0 120	
Dimethoate	0.000	< 0.100		0.357	0.400	89.3	60.0 120	
Ethoprophos	0.000	< 0.100		0.359	0.400	89.7	60.0 120	
Etofenprox	0.002	< 0.200		0.602	0.800	75.2	50.0 150	
Etoazole	0.001	< 0.100		0.340	0.400	85.0	60.0 120	
Fenoxycarb	0.001	< 0.100		0.343	0.400	85.8	60.0 120	
Fenpyroximate	0.000	< 0.200		0.681	0.800	85.1	60.0 120	
Fipronil	0.000	< 0.200		0.775	0.800	96.9	60.0 120	
Flonicamid	0.000	< 0.250		0.895	1.000	89.5	60.0 120	
Fludioxonil	0.000	< 0.200		0.796	0.800	99.5	50.0 150	
Hexythiazox	0.000	< 0.250		0.807	1.000	80.7	60.0 120	
Imazalil	0.007	< 0.100		0.364	0.400	91.0	60.0 120	
Imidacloprid	0.000	< 0.200		0.726	0.800	90.7	60.0 120	
Kresoxim-methyl	0.000	< 0.200		0.722	0.800	90.2	60.0 120	
Malathion	0.000	< 0.100		0.383	0.400	95.8	60.0 120	
Metalaxyl	0.002	< 0.100		0.364	0.400	91.1	60.0 120	
Methiocarb	0.002	< 0.100		0.334	0.400	83.6	60.0 120	
Methomyl	0.000	< 0.200		0.720	0.800	90.0	60.0 120	
MGK-264	0.000	< 0.100		0.351	0.400	87.8	50.0 150	
Myclobutanil	0.000	< 0.100		0.360	0.400	90.0	60.0 120	
Naled	0.002	< 0.250		0.897	1.000	89.7	50.0 150	
Oxamyl	0.000	< 0.500		1.758	2.000	87.9	60.0 120	
Paclobutrazole	0.003	< 0.200		0.713	0.800	89.1	60.0 120	
Parathion-Methyl	0.000	< 0.100		0.350	0.400	87.4	50.0 150	
Permethrin	0.002	< 0.100		0.303	0.400	75.8	50.0 150	
Phosmet	0.000	< 0.100		0.361	0.400	90.3	50.0 150	
Piperonyl butoxide	0.003	< 0.500		1.702	2.000	85.1	60.0 120	
Prallethrin	0.000	< 0.100		0.360	0.400	89.9	60.0 120	
Propiconazole	0.000	< 0.200		0.713	0.800	89.1	60.0 120	
Propoxur	0.001	< 0.100		0.353	0.400	88.3	60.0 120	
Pyrethrin (Summe)	0.001	< 0.100		0.437	0.488	89.6	60.0 120	
Pyridaben	0.001	< 0.100		0.315	0.400	78.8	50.0 150	
Spinosad	0.000	< 0.100		0.378	0.388	97.5	50.0 150	
Spiromesifen	0.001	< 0.100		0.354	0.400	88.4	60.0 120	
Spirotetramat	0.000	< 0.100		0.357	0.400	89.4	60.0 120	
Spiroxamine	0.004	< 0.200		0.739	0.800	92.4	60.0 120	



Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662				Units: mg/Kg			Batch ID: 2507062				
Matrix Spike/Matrix Spike Duplicate Recoveries						Sample ID: 25-011359-0001					
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes	
Abamectin	0.000	0.646	0.660	1.000	2.1%	< 30	64.6%	66.0%	50 - 150		
Acephate	0.000	0.619	0.516	0.800	18.2%	< 30	77.3%	64.4%	50 - 150		
Acequinocyl	0.222	2.481	2.507	4.000	1.1%	< 30	56.5%	57.1%	50 - 150		
Acetamiprid	0.000	0.304	0.270	0.400	11.9%	< 30	75.9%	67.4%	50 - 150		
Aldicarb	0.000	0.620	0.549	0.800	12.1%	< 30	77.5%	68.6%	50 - 150		
Azoxystrobin	0.006	0.238	0.225	0.400	5.6%	< 30	57.9%	54.7%	50 - 150		
Bifenazate	0.000	0.338	0.312	0.400	7.8%	< 30	84.4%	78.1%	50 - 150		
Bifenthrin	0.004	0.034	0.032	0.400	7.1%	< 30	7.6%	7.1%	50 - 150	Q	
Boscalid	0.003	0.642	0.604	0.800	6.1%	< 30	79.8%	75.1%	50 - 150		
Carbaryl	0.000	0.286	0.258	0.400	10.6%	< 30	71.6%	64.4%	50 - 150		
Carbofuran	0.000	0.243	0.215	0.400	12.0%	< 30	60.6%	53.8%	50 - 150		
Chlorantraniliprole	0.000	0.341	0.307	0.400	10.4%	< 30	85.2%	76.8%	50 - 150		
Chlorfenapyr	0.000	1.125	1.034	2.000	8.4%	< 30	56.2%	51.7%	50 - 150		
Chlorpyrifos	0.007	0.045	0.052	0.400	15.3%	< 30	9.6%	11.2%	50 - 150	Q	
Clofentezine	0.000	0.206	0.207	0.400	0.3%	< 30	51.6%	51.7%	50 - 150		
Cyfluthrin	0.000	0.581	0.589	2.000	1.4%	< 30	29.1%	29.5%	30 - 150	Q	
Cypermethrin	0.000	0.851	0.777	2.000	9.1%	< 30	42.6%	38.9%	50 - 150	Q	
Daminozide	0.000	0.646	0.598	2.000	7.6%	< 30	32.3%	29.9%	30 - 150	Q	
Diazinon	0.001	0.296	0.278	0.400	6.2%	< 30	73.8%	69.3%	50 - 150		
Dichlorvos	0.005	1.476	1.312	2.000	11.8%	< 30	73.6%	65.4%	50 - 150		
Dimethoate	0.000	0.297	0.270	0.400	9.5%	< 30	74.2%	67.4%	50 - 150		
Ethoprophos	0.001	0.301	0.280	0.400	7.3%	< 30	75.1%	69.9%	50 - 150		
Etofenprox	0.000	0.427	0.403	0.800	5.9%	< 30	53.4%	50.4%	50 - 150		
Etioazole	0.001	0.282	0.269	0.400	4.7%	< 30	70.3%	67.1%	50 - 150		
Fenoxycarb	0.001	0.266	0.265	0.400	0.3%	< 30	66.3%	66.2%	50 - 150		
Fenpyroximate	0.000	0.489	0.480	0.800	1.8%	< 30	61.1%	60.0%	50 - 150		
Fipronil	0.000	1.098	1.045	0.800	4.9%	< 30	137.2%	130.6%	50 - 150		
Flonicamid	0.000	0.885	0.788	1.000	11.6%	< 30	88.5%	78.8%	50 - 150		
Fludioxonil	0.000	0.842	0.830	0.800	1.5%	< 30	105.3%	103.7%	50 - 150		
Hexythiazox	0.001	0.148	0.148	1.000	0.3%	< 30	14.8%	14.7%	50 - 150	Q	
Imazalil	0.007	0.239	0.230	0.400	3.8%	< 30	57.9%	55.7%	50 - 150		
Imidacloprid	0.000	0.663	0.624	0.800	6.1%	< 30	82.9%	78.0%	50 - 150		
Kresoxim-methyl	0.000	0.492	0.507	0.800	2.9%	< 30	61.5%	63.4%	50 - 150		
Malathion	0.000	0.296	0.274	0.400	7.7%	< 30	74.1%	68.6%	50 - 150		
Metalaxyl	0.006	0.285	0.279	0.400	2.2%	< 30	70.0%	68.4%	50 - 150		
Methiocarb	0.002	0.246	0.225	0.400	8.7%	< 30	60.9%	55.8%	50 - 150		
Methomyl	0.000	0.661	0.559	0.800	16.8%	< 30	82.6%	69.9%	50 - 150		
MGK-264	0.000	0.091	0.092	0.400	0.6%	< 30	22.8%	22.9%	50 - 150	Q	
Myclobutanil	0.000	0.305	0.302	0.400	0.8%	< 30	76.2%	75.6%	50 - 150		
Naled	0.002	0.599	0.547	1.000	9.0%	< 30	59.7%	54.6%	50 - 150		
Oxamyl	0.000	1.611	1.463	2.000	9.6%	< 30	80.5%	73.2%	50 - 150		
Paclobutrazole	0.004	0.565	0.534	0.800	5.7%	< 30	70.2%	66.3%	50 - 150		
Parathion-Methyl	0.000	0.508	0.547	0.400	7.4%	< 30	127.0%	136.7%	30 - 150		
Permethrin	0.000	0.327	0.294	0.400	10.8%	< 30	81.8%	73.5%	50 - 150		
Phosmet	0.000	0.290	0.272	0.400	6.6%	< 30	72.6%	67.9%	50 - 150		
Piperonyl butoxide	0.018	1.943	1.902	2.000	2.2%	< 30	96.3%	94.2%	50 - 150		
Prallethrin	0.000	0.330	0.319	0.400	3.4%	< 30	82.4%	79.6%	50 - 150		
Propiconazole	0.001	0.600	0.548	0.800	9.1%	< 30	74.8%	68.3%	50 - 150		
Propoxur	0.013	0.296	0.259	0.400	14.0%	< 30	70.8%	61.5%	50 - 150		
Pyrethrin (Summe)	0.101	0.426	0.410	0.488	5.1%	< 30	66.6%	63.3%	50 - 150		
Pyridaben	0.002	0.308	0.301	0.400	2.2%	< 30	76.5%	74.8%	50 - 150		
Spinosad	0.000	0.252	0.239	0.388	5.2%	< 30	64.8%	61.5%	50 - 150		
Spiromesifen	0.001	0.249	0.224	0.400	10.7%	< 30	62.0%	55.7%	50 - 150		
Spirotetramat	0.000	0.378	0.358	0.400	5.4%	< 30	94.5%	89.5%	50 - 150		
Spiroxamine	0.004	0.620	0.596	0.800	4.0%	< 30	77.1%	74.0%	50 - 150		


Laboratory Quality Control Results

Residual Solvents				Batch ID: 2507067			
Method Blank				Laboratory Control Sample			
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec Limits Notes
1,1-Dichloroethane	ND	< 1		1.02	1	µg/g	102.0 50-150
1,2-Dichloroethene, trans-	ND	< 1		1.01	1	µg/g	101.0 50-150
1,4-Dioxane	ND	< 100		441	496	µg/g	88.9 60-120
1-Pentanol	ND	< 500		1580	1610	µg/g	98.1 50-150
1-Propanol	ND	< 500		1460	1620	µg/g	90.1 50-150
2,2-Dimethylbutane	ND	< 30		164	172	µg/g	95.3 60-120
2,2-Dimethylpropane	ND	< 200		585	956	µg/g	61.2 60-120
2,3-Dimethylbutane	ND	< 30		171	173	µg/g	98.8 60-120
2-Butanol	ND	< 200		1600	1610	µg/g	99.4 60-120
2-Ethoxyethanol	ND	< 30		166	177	µg/g	93.8 60-120
2-methyl-1-propanol	ND	< 500		1160	1610	µg/g	72.0 50-150
2-Methylbutane	ND	< 200		1610	1630	µg/g	98.8 60-120
2-Methylpentane	ND	< 30		121	164	µg/g	73.8 60-120
2-Propanol	ND	< 200		1550	1610	µg/g	96.3 60-120
3-Methyl-1-butanol	ND	< 500		1390	1610	µg/g	86.3 50-150
3-Methylpentane	ND	< 30		168	183	µg/g	91.8 60-120
Acetone	ND	< 200		1560	1620	µg/g	96.3 60-120
Acetonitrile	ND	< 100		492	493	µg/g	99.8 60-120
Anisole	ND	< 500		1250	1620	µg/g	77.2 50-150
Benzene	ND	< 1		0.913	1	µg/g	91.3 50-150
Butane	ND	< 200		520	769	µg/g	67.6 60-120
Butyl Acetate	ND	< 500		1600	1620	µg/g	98.8 50-150
Carbon Tetrachloride	ND	< 1		0.85	1	µg/g	85.0 50-150
Cumene	ND	< 30		150	174	µg/g	86.2 60-120
Cyclohexane	ND	< 200		1460	1630	µg/g	89.6 60-120
Dichloromethane	ND	< 1		0.955	1	µg/g	95.5 50-150
Ethanol	ND	< 200		1630	1630	µg/g	100.0 60-120
Ethyl acetate	ND	< 200		1570	1630	µg/g	96.3 60-120
Ethyl Ether	ND	< 200		1550	1620	µg/g	95.7 60-120
Ethylbenzene	ND	< 200		876	976	µg/g	89.8 60-120
Ethylene Glycol	ND	< 200		407	484	µg/g	84.1 60-120
Ethylene Oxide	ND	< 1		1.25	1	µg/g	125.0 50-150
Heptane	ND	< 200		1560	1600	µg/g	97.5 60-120
Hexane	ND	< 30		161	172	µg/g	93.6 60-120
Isobutane	ND	< 200		519	770	µg/g	67.4 60-120
Isopropyl Acetate	ND	< 200		1560	1610	µg/g	96.9 60-120
m,p-Xylene	ND	< 200		873	988	µg/g	88.4 60-120
Methanol	ND	< 200		1600	1650	µg/g	97.0 60-120
Methylisobutylketone	ND	< 500		1430	1620	µg/g	88.3 50-150
MTBE	ND	< 500		1340	1630	µg/g	82.2 50-150
N,N-dimethylacetamide	ND	< 150		515	524	µg/g	98.3 50-150
o-Xylene	ND	< 200		865	975	µg/g	88.7 60-120
Pentane	ND	< 200		1590	1610	µg/g	98.8 60-120
Propane	ND	< 200		414	585	µg/g	70.8 60-120
Propyl Acetate	ND	< 500		1430	1600	µg/g	89.4 50-150
Sulfolane	ND	< 50		121	165	µg/g	73.3 50-150
Tetrahydrofuran	ND	< 100		450	486	µg/g	92.6 60-120
Toluene	ND	< 100		428	485	µg/g	88.2 60-120


 Revision: 2 Document ID: 7087
 Legacy ID: CFL-E33Effective:

QC - Sample Duplicate
Sample ID: 25-010890-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethene, trans-	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Carbon Tetrachloride	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm


Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2507137					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	<LOQ	< 196		352	451	µg/g	78%	70 - 130	
Camphene	<LOQ	< 196		408	489	µg/g	83%	70 - 130	
Sabinene	<LOQ	< 196		332	451	µg/g	74%	70 - 130	
b-Pinene	<LOQ	< 196		349	451	µg/g	77%	70 - 130	
b-Myrcene	<LOQ	< 196		394	489	µg/g	80%	70 - 130	
a-phellandrene	<LOQ	< 196		384	489	µg/g	79%	70 - 130	
d-3-Carene	<LOQ	< 196		474	489	µg/g	97%	70 - 130	
a-Terpinene	<LOQ	< 196		342	451	µg/g	76%	70 - 130	
p-Cymene	<LOQ	< 196		387	489	µg/g	79%	70 - 130	
D-Limonene	<LOQ	< 196		346	451	µg/g	77%	70 - 130	
Eucalyptol	<LOQ	< 196		370	489	µg/g	76%	70 - 130	
b-cis-Ocimene	<LOQ	< 65		117	150	µg/g	78%	70 - 130	
b-trans-Ocimene	<LOQ	< 130		241	301	µg/g	80%	70 - 130	
g-Terpinene	<LOQ	< 196		334	451	µg/g	74%	70 - 130	
Sabinene_Hydrate	<LOQ	< 196		316	451	µg/g	70%	70 - 130	
Terpinolene	<LOQ	< 196		340	451	µg/g	75%	70 - 130	
D-Fenchone	<LOQ	< 196		325	451	µg/g	72%	70 - 130	
Linalool	<LOQ	< 196		313	489	µg/g	64%	70 - 130	Q7
Fenchol	<LOQ	< 196		312	451	µg/g	69%	70 - 130	Q7
Camphor	<LOQ	< 196		366	489	µg/g	75%	70 - 130	
Isopulego	<LOQ	< 196		335	489	µg/g	68%	70 - 130	Q7
Isoborneol	<LOQ	< 196		349	489	µg/g	71%	70 - 130	
Borneol	<LOQ	< 196		316	451	µg/g	70%	70 - 130	
DL-Menthol	<LOQ	< 196		321	489	µg/g	66%	70 - 130	Q7
Terpineol	<LOQ	< 196		332	451	µg/g	74%	70 - 130	
Nerol	<LOQ	< 196		263	489	µg/g	54%	70 - 130	Q7
Pulegone	<LOQ	< 196		323	451	µg/g	72%	70 - 130	
Geraniol	<LOQ	< 196		314	451	µg/g	70%	70 - 130	
Geranyl_Acetate	<LOQ	< 196		333	489	µg/g	68%	70 - 130	Q7
a-Cedrene	<LOQ	< 196		342	451	µg/g	76%	70 - 130	
b-Caryophyllene	<LOQ	< 196		385	489	µg/g	79%	70 - 130	
a-Humulene	<LOQ	< 196		390	451	µg/g	86%	70 - 130	
Valenene	<LOQ	< 196		370	489	µg/g	76%	70 - 130	
cis-Nerolidol	<LOQ	< 196		369	489	µg/g	75%	70 - 130	
a-Farnesene	<LOQ	< 196		610	489	µg/g	125%	70 - 130	
trans-Nerolidol	<LOQ	< 196		317	451	µg/g	70%	70 - 130	
Caryophyllene_Oxide	<LOQ	< 196		345	489	µg/g	70%	70 - 130	
Guaiol	<LOQ	< 196		381	451	µg/g	85%	70 - 130	
Cedrol	<LOQ	< 196		370	489	µg/g	76%	70 - 130	
a-Bisabolol	<LOQ	< 196		390	489	µg/g	80%	70 - 130	

Definitions

LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
% REC	Percent Recovery


Terpenes Quality Control Results

Method Reference: EPA 5035				Batch ID: 2507137			
Sample/Sample Duplicate		Sample ID: 25-010938-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Pinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Myrcene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-phelllاندrene	<LOQ	<LOQ	188	µg/g	0%	< 20	
d-3-Carene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Terpinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
p-Cymene	<LOQ	<LOQ	188	µg/g	0%	< 20	
D-Limonene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Eucalyptol	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-cis-Ocimene	<LOQ	<LOQ	62.8	µg/g	0%	< 20	
b-trans-Ocimene	<LOQ	<LOQ	126	µg/g	0%	< 20	
g-Terpinene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	188	µg/g	0%	< 20	
Terpinolene	<LOQ	<LOQ	188	µg/g	0%	< 20	
D-Fenchone	<LOQ	<LOQ	188	µg/g	0%	< 20	
Linalool	<LOQ	<LOQ	188	µg/g	0%	< 20	
Fenchol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Camphor	<LOQ	<LOQ	188	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	188	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Borneol	<LOQ	<LOQ	188	µg/g	0%	< 20	
DL-Menthol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Terpineol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Nerol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	188	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	188	µg/g	0%	< 20	
b-Caryophyllene	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Humulene	<LOQ	<LOQ	188	µg/g	0%	< 20	
Valenene	<LOQ	<LOQ	188	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	188	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Caryophyllene_Oxide	<LOQ	<LOQ	188	µg/g	0%	< 20	
Guaiol	<LOQ	<LOQ	188	µg/g	0%	< 20	
Cedrol	<LOQ	<LOQ	188	µg/g	0%	< 20	
a-Bisabolol	<LOQ	<LOQ	188	µg/g	0%	< 20	

Definitions

RPD	Relative Percent Difference
Q7	Quality control outside QC limits.





Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.