



This is an amended version of report# 25-006497/D003.R000.

Reason: updated serving size

Customer: TribeTokes
 New Jersey
 United States of America (USA)

Product identity: Live Resin CBN Gummies

Metric ID: .

Material: Cannabinoid Edible

Laboratory ID: 25-006497-0003

Evidence of Cooling: No

Temp: 24.1 °C

Serving Size #1: 2.7 g

Sample Results

Potency					Method: J AOAC 2015 V98-6 (mod) ^b				Batch: 2504270			Analyze: 06/14/25																											
Analyte					Result					Serving Size #1																													
										Units					LOQ																								
CBD [±]					0.307					%					0.0032					Notes					8.29					mg/2.7g					0.0862				
CBD-A [±]					0.110					%					0.0032										2.97					mg/2.7g					0.0862				
CBD-Total [±]					0.403					%					0.0060										10.9					mg/2.7g					0.162				
CBG					< LOQ					%					0.0032										< LOQ					mg/2.7g					0.0862				
CBG-A					< LOQ					%					0.0032										< LOQ					mg/2.7g					0.0862				
CBG-Total					< LOQ					%					0.0060										< LOQ					mg/2.7g					0.161				
CBN					0.600					%					0.0032										16.2					mg/2.7g					0.0862				
Δ10-THC-9R					< LOQ					%					0.0032										< LOQ					mg/2.7g					0.0862				
Δ10-THC-9S					< LOQ					%					0.0032										< LOQ					mg/2.7g					0.0862				
Δ10-THC-Total					< LOQ					%					0.0064										< LOQ					mg/2.7g					0.172				
Δ8-THC [±]					< LOQ					%					0.0032										< LOQ					mg/2.7g					0.0862				
Δ9-THC [±]					< LOQ					%					0.0032										< LOQ					mg/2.7g					0.0862				
Δ9-THC-A [±]					0.00487					%					0.0032										0.131					mg/2.7g					0.0862				
Δ9-THC-Total [±]					< LOQ					%					0.0060										< LOQ					mg/2.7g					0.162				
Total Cannabinoids					1.02					%															27.5					mg/2.7g									



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



Report Number: 25-006497/D003.R001
Report Date: 06/24/2025
ORELAP#: OR100028
Purchase Order:
Received: 06/12/25 13:22

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

% = Percentage of sample

mg/2.7g = Milligram per 2.7g

% wt = µg/g divided by 10,000



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**Hemp & Cannabis
Chain of Custody**

Tribe-Tokes-1749486291

Company Details Company: <u>Tribe Tokes</u> Contact: <u>Degelis Tufts</u> Street Address: <u>242 W 38th St, 7th floor</u> City, State, Zip: <u>New York, NY 10018</u> Email: <u>degelis@tribetokes.com</u> Contact Phone: <u>7819132759</u> Company Phone: <u>7819132759</u> Billing Information Billing Phone: <u>7819132759</u> Billing Email: <u>degelis@tribetokes.com</u>				Project Details Turnaround Time: <u>5 Business Days Reg. For Micro Testing Standard</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Receipt Information Evidence of Cooling?: <u>No</u> Sample Condition: <u>Satisfactory</u> Prelog Storage: <u>Canna Shelves</u>			Testing H0014 - Potency Cannabis (Basic)
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Specifications	
1	Delta 9 Everyday Gummies	Cannabinoid Edible	20 each	mg/g & mg/serving	3.5 g	N/A	✓
2	Live Resin CBD Gummies	Cannabinoid Edible	20 each	mg/g & mg/serving	2.5 g	N/A	✓
3	Live Resin CBN Gummies	Cannabinoid Edible	20 each	mg/g & mg/serving	2.5 g	N/A	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Degelis Tufts</i>	<i>06/09/2025</i>	<i>09:24</i>	<i>amp</i>	<i>06/12/2025</i>	<i>13:22</i>	<i>24.1</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

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: 2504269**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0319	0.0315	%	101	80.0 - 120	Acceptable	
CBDV	2	0.0329	0.0332	%	99.0	80.0 - 120	Acceptable	
CBE	2	0.0356	0.0361	%	98.7	80.0 - 120	Acceptable	
CBDA	1	0.0355	0.0347	%	102	90.0 - 110	Acceptable	
CBGA	1	0.0346	0.0337	%	103	80.0 - 120	Acceptable	
CBG	1	0.0333	0.0320	%	104	80.0 - 120	Acceptable	
CBD	1	0.0324	0.0313	%	104	90.0 - 110	Acceptable	
THCV	2	0.0351	0.0341	%	103	80.0 - 120	Acceptable	
d8THCV	2	0.0329	0.0342	%	96.4	80.0 - 120	Acceptable	
THCVA	2	0.0314	0.0308	%	102	80.0 - 120	Acceptable	
CBN	1	0.0335	0.0321	%	104	80.0 - 120	Acceptable	
exo-THC	2	0.0314	0.0314	%	99.9	80.0 - 120	Acceptable	
d9THC	1	0.0361	0.0330	%	109	90.0 - 110	Acceptable	
d8THC	1	0.0307	0.0332	%	92.6	90.0 - 110	Acceptable	
9S-d10THC	1	0.0348	0.0345	%	101	80.0 - 120	Acceptable	
CBL	2	0.0343	0.0316	%	108	80.0 - 120	Acceptable	
9R-d10THC	1	0.0338	0.0344	%	98.2	80.0 - 120	Acceptable	
CBC	2	0.0309	0.0335	%	92.4	80.0 - 120	Acceptable	
THCA	1	0.0371	0.0363	%	102	90.0 - 110	Acceptable	
CBCA	2	0.0331	0.0326	%	101	80.0 - 120	Acceptable	
CBLA	2	0.0325	0.0330	%	98.6	80.0 - 120	Acceptable	
d9THCP	2	0.0309	0.0320	%	96.6	80.0 - 120	Acceptable	
CBT	2	0.0303	0.0336	%	90.0	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBDV	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBE	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBDA	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBGA	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBG	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBD	<LOQ	0.00326	%	< 0.00326	Acceptable	
THCV	<LOQ	0.00326	%	< 0.00326	Acceptable	
d8THCV	<LOQ	0.00326	%	< 0.00326	Acceptable	
THCVA	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBN	<LOQ	0.00326	%	< 0.00326	Acceptable	
exo-THC	<LOQ	0.00326	%	< 0.00326	Acceptable	
d9THC	<LOQ	0.00326	%	< 0.00326	Acceptable	
d8THC	<LOQ	0.00326	%	< 0.00326	Acceptable	
9S-d10THC	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBL	<LOQ	0.00326	%	< 0.00326	Acceptable	
9R-d10THC	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBC	<LOQ	0.00326	%	< 0.00326	Acceptable	
THCA	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBCA	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBLA	<LOQ	0.00326	%	< 0.00326	Acceptable	
d9THCP	<LOQ	0.00326	%	< 0.00326	Acceptable	
CBT	<LOQ	0.00326	%	< 0.00326	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: 2504269					
Sample Duplicate			Sample ID: 25-006351-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBG	0.0142	0.0144	0.00323	%	0.914	< 20	Acceptable	
CBD	0.498	0.508	0.00323	%	2.14	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBN	0.00625	0.00604	0.00323	%	3.45	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
d9THC	0.501	0.513	0.00323	%	2.43	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBC	0.00680	0.00678	0.00323	%	0.306	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00323	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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Portland, OR 97230
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Report Number: 25-006497/D003.R001
Report Date: 06/24/2025
ORELAP#: OR100028
Purchase Order:
Received: 06/12/25 13:22





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.

CBN Isolate

 Sample ID: SA-241024-50746
 Batch: HPCBN-00026
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

 Received: 10/24/2024
 Completed: 10/31/2024

Client
 Hau Processing
 2200 E 76th Ave, C300
 Denver, CO 80229
 USA

Summary

Test	Date Tested	Status
Cannabinoids	10/25/2024	Tested
Heavy Metals	10/31/2024	Tested
Pesticides	10/25/2024	Tested
Residual Solvents	10/25/2024	Tested

ND Total Δ9-THC	99.9 % CBN	99.9 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	99.9	999
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total			99.9	999

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 CCO

Date: 10/31/2024



 Tested By: Nicholas Howard
 Scientist

Date: 10/25/2024


 ISO/IEC 17025:2017 Accredited
 Accreditation #108651




KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

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<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

2 of 4

CBN Isolate

Sample ID: SA-241024-50746
Batch: HPCBN-00026
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 10/24/2024
Completed: 10/31/2024

Client
Hau Processing
2200 E 76th Ave, C300
Denver, CO 80229
USA

Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone
CCO

Date: 10/31/2024

Tested By: Chris Farman
Scientist

Date: 10/31/2024



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

CBN Isolate

Sample ID: SA-241024-50746
 Batch: HPCBN-00026
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

Received: 10/24/2024
 Completed: 10/31/2024

Client
 Hau Processing
 2200 E 76th Ave, C300
 Denver, CO 80229
 USA

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cypermethrin	30	100	ND	Prallethrin	30	100	ND
Diazinon	30	100	ND	Propiconazole	30	100	ND
Dichlorvos	30	100	ND	Propoxur	30	100	ND
Dimethoate	30	100	ND	Pyrethrins	30	100	ND
Dimethomorph	30	100	ND	Pyridaben	30	100	ND
Ethoprophos	30	100	ND	Spinetoram	30	100	ND
Etofenprox	30	100	ND	Spinosad	30	100	ND
Etoxazole	30	100	ND	Spiromesifen	30	100	ND
Fenhexamid	30	100	ND	Spirotetramat	30	100	ND
Fenoxycarb	30	100	ND	Spiroxamine	30	100	ND
Fenpyroximate	30	100	ND	Tebuconazole	30	100	ND
Fipronil	30	100	ND	Thiacloprid	30	100	ND
Flonicamid	30	100	ND	Thiamethoxam	30	100	ND
Fludioxonil	30	100	ND	Trifloxystrobin	30	100	ND

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Generated By: Ryan Bellone
 CCO

Date: 10/31/2024



Tested By: Anthony Mattingly
 Scientist

Date: 10/25/2024



CBN Isolate

Sample ID: SA-241024-50746
 Batch: HPCBN-00026
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

Received: 10/24/2024
 Completed: 10/31/2024

Client
 Hau Processing
 2200 E 76th Ave, C300
 Denver, CO 80229
 USA

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 CCO

Date: 10/31/2024



Tested By: Kelsey Rogers
 Scientist

Date: 10/25/2024

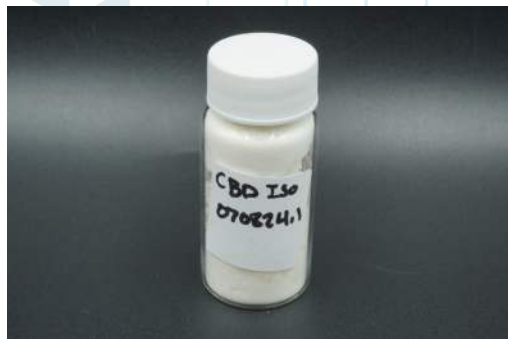


CBDISO-070824.1

 Sample ID: SA-240829-47576
 Batch: CBDISO-070824.1
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

 Received: 07/11/2024
 Completed: 07/23/2024

Client

 Covalent Custom Cannabinoids, LLC (Covalent CC, LLC)
 4075 Ruffin Rd
 San Diego, CA 92123
 USA

Summary
Test

 Cannabinoids
 Heavy Metals
 Pesticides
 Residual Solvents

Date Tested

 07/16/2024
 07/23/2024
 07/22/2024
 07/23/2024

Status

 Tested
 Passed
 Passed
 Passed

ND	99.1 %	99.4 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	99.1	991
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	0.379	3.79
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total			99.4	994

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 CCO

Date: 08/29/2024



 Tested By: Kelsey Rogers
 Scientist

Date: 07/16/2024


 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


CBDISO-070824.1

Sample ID: SA-240829-47576
 Batch: CBDISO-070824.1
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

Received: 07/11/2024
 Completed: 07/23/2024

Client

Covalent Custom Cannabinoids, LLC (Covalent CC, LLC)
 4075 Ruffin Rd
 San Diego, CA 92123
 USA

Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Arsenic	0.002	0.02	ND	P
Cadmium	0.001	0.02	ND	P
Lead	0.002	0.02	ND	P
Mercury	0.012	0.05	ND	P

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 CCO

Date: 08/29/2024



Tested By: Chris Farman
 Scientist

Date: 07/23/2024



CBDISO-070824.1

Sample ID: SA-240829-47576
 Batch: CBDISO-070824.1
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

Received: 07/11/2024
 Completed: 07/23/2024

Client

Covalent Custom Cannabinoids, LLC (Covalent CC, LLC)
 4075 Ruffin Rd
 San Diego, CA 92123
 USA

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
Abamectin	30	100	ND	P	Hexythiazox	30	100	ND	P
Acephate	30	100	ND	P	Imazalil	30	100	ND	P
Acetamiprid	30	100	ND	P	Imidacloprid	30	100	ND	P
Aldicarb	30	100	ND	P	Kresoxim methyl	30	100	ND	P
Azoxystrobin	30	100	ND	P	Malathion	30	100	ND	P
Bifenazate	30	100	ND	P	Metalaxyl	30	100	ND	P
Bifenthrin	30	100	ND	P	Methiocarb	30	100	ND	P
Boscalid	30	100	ND	P	Methomyl	30	100	ND	P
Carbaryl	30	100	ND	P	Mevinphos	30	100	ND	P
Carbofuran	30	100	ND	P	Myclobutanil	30	100	ND	P
Chloranthraniliprole	30	100	ND	P	Naled	30	100	ND	P
Chlorfenapyr	30	100	ND	P	Oxamyl	30	100	ND	P
Chlorpyrifos	30	100	ND	P	Paclobutrazol	30	100	ND	P
Clofentezine	30	100	ND	P	Permethrin	30	100	ND	P
Coumaphos	30	100	ND	P	Phosmet	30	100	ND	P
Cypermethrin	30	100	ND	P	Piperonyl Butoxide	30	100	ND	P
Daminozide	30	100	ND	P	Prallethrin	30	100	ND	P
Diazinon	30	100	ND	P	Propiconazole	30	100	ND	P
Dichlorvos	30	100	ND	P	Propoxur	30	100	ND	P
Dimethoate	30	100	ND	P	Pyrethrins	30	100	ND	P
Dimethomorph	30	100	ND	P	Pyridaben	30	100	ND	P
Ethoprophos	30	100	ND	P	Spinetoram	30	100	ND	P
Etofenprox	30	100	ND	P	Spinosad	30	100	ND	P
Etoxazole	30	100	ND	P	Spiromesifen	30	100	ND	P
Fenhexamid	30	100	ND	P	Spirotetramat	30	100	ND	P
Fenoxycarb	30	100	ND	P	Spiroxamine	30	100	ND	P
Fenpyroximate	30	100	ND	P	Tebuconazole	30	100	ND	P
Fipronil	30	100	ND	P	Thiacloprid	30	100	ND	P
Flonicamid	30	100	ND	P	Thiamethoxam	30	100	ND	P
Fludioxonil	30	100	ND	P	Trifloxystrobin	30	100	ND	P

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 CCO

Date: 08/29/2024



Tested By: Anthony Mattingly
 Scientist

Date: 07/22/2024



CBDISO-070824.1

Sample ID: SA-240829-47576
 Batch: CBDISO-070824.1
 Type: In-Process Material
 Matrix: Concentrate - Isolate
 Unit Mass (g):

Received: 07/11/2024
 Completed: 07/23/2024

Client

Covalent Custom Cannabinoids, LLC (Covalent CC, LLC)
 4075 Ruffin Rd
 San Diego, CA 92123
 USA

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	167	500	ND	P	Ethylene Oxide	0.5	1	ND	P
Acetonitrile	14	41	ND	P	Heptane	167	500	ND	P
Benzene	0.5	1	ND	P	n-Hexane	10	29	ND	P
Butane	167	500	ND	P	Isobutane	167	500	ND	P
1-Butanol	167	500	ND	P	Isopropyl Acetate	167	500	ND	P
2-Butanol	167	500	ND	P	Isopropyl Alcohol	167	500	ND	P
2-Butanone	167	500	ND	P	Isopropylbenzene	167	500	ND	P
Chloroform	2	6	ND	P	Methanol	100	300	ND	P
Cyclohexane	129	388	ND	P	2-Methylbutane	10	29	ND	P
1,2-Dichloroethane	0.5	1	ND	P	Methylene Chloride	20	60	ND	P
1,2-Dimethoxyethane	4	10	ND	P	2-Methylpentane	10	29	ND	P
Dimethyl Sulfoxide	167	500	ND	P	3-Methylpentane	10	29	ND	P
N,N-Dimethylacetamide	37	109	ND	P	n-Pentane	167	500	<RL	P
2,2-Dimethylbutane	10	29	ND	P	1-Pentanol	167	500	ND	P
2,3-Dimethylbutane	10	29	ND	P	n-Propane	167	500	ND	P
N,N-Dimethylformamide	30	88	ND	P	1-Propanol	167	500	ND	P
2,2-Dimethylpropane	167	500	ND	P	Pyridine	7	20	ND	P
1,4-Dioxane	13	38	ND	P	Tetrahydrofuran	24	72	ND	P
Ethanol	167	500	ND	P	Toluene	30	89	ND	P
2-Ethoxyethanol	6	16	ND	P	Trichloroethylene	3	8	ND	P
Ethyl Acetate	167	500	ND	P	Xylenes (o-, m-, and p-)	73	217	ND	P
Ethyl Ether	167	500	ND	P					
Ethylbenzene	3	7	ND	P					

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 CCO

Date: 08/29/2024



Tested By: Kelsey Rogers
 Scientist

Date: 07/23/2024



CBDISO-070824.1

Sample ID: SA-240829-47576
Batch: CBDISO-070824.1
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 07/11/2024
Completed: 07/23/2024

Client

Covalent Custom Cannabinoids, LLC (Covalent CC, LLC)
4075 Ruffin Rd
San Diego, CA 92123
USA

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Arsenic	1.5	Lead	0.5
Cadmium	0.5	Mercury	1.5

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
2,3-Dimethylbutane	290	n-Propane	5000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	890
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	5000	Xylenes (o-, m-, and p-)	2170
Ethyl Ether	5000		
Ethylbenzene	70		

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Carbofuran	30	Myclobutanil	9000
Chloranthraniliprole	40000	Naled	500
Chlorfenapyr	30	Oxamyl	200
Chlorpyrifos	30	Paclobutrazol	30
Clofentezine	500	Permethrin	20000
Coumaphos	30	Phosmet	200
Cypermethrin	1000	Piperonyl Butoxide	8000
Daminozide	30	Prallethrin	400
Diazinon	200	Propiconazole	20000
Dichlorvos	30	Propoxur	30
Dimethoate	30	Pyrethrins	1000
Dimethomorph	20000	Pyridaben	3000
Ethoprophos	30	Spinetoram	3000
Etofenprox	30	Spinosad	3000
Etoazole	1500	Spiromesifen	12000
Fenhexamid	10000	Spirotetramat	13000
Fenoxycarb	30	Spiroxamine	30
Fenpyroximate	2000	Tebuconazole	2000
Fipronil	30	Thiacloprid	30
Fonicamid	2000	Thiamethoxam	4500
Fludioxonil	30000	Trifloxystrobin	30000

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30
Acetamiprid	5000	Imidacloprid	3000
Aldicarb	30	Kresoxim methyl	1000
Azoxystrobin	40000	Malathion	5000
Bifenazate	5000	Metaxyl	15000
Bifenthrin	500	Methiocarb	30
Boscalid	10000	Methomyl	100
Carbaryl	500	Mevinphos	30

