



Customer: TribeTokes
 United States of America (USA)
Product identity: CBD Cherry Libido Gummies
Metrc ID: .
Metrc Source ID:
Material: Cannabinoid Edible
Sample Date:
Laboratory ID: 25-003919-0002
Evidence of Cooling: No
Temp: 21.4 °C
Serving Size #1: 3.7 g

Sample Results

Potency		Method: J AOAC 2015 V98-6 (mod) ^b			Batch: 2502704		Analyze: 2025-04-14 21:07:00
Analyte	Result	Units	LOQ	Notes	Serving Size #1		
					Result	Units	LOQ
CBC	0.437	%	0.0032		16.2	mg/3.7g	0.120
CBC-A	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBC-Total	0.437	%	0.0061		16.2	mg/3.7g	0.225
CBD [±]	0.215	%	0.0032		7.97	mg/3.7g	0.120
CBD-A [±]	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBD-Total [±]	0.215	%	0.0061		7.96	mg/3.7g	0.225
CBDV	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBDV-A	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBDV-Total	< LOQ	%	0.0060		< LOQ	mg/3.7g	0.223
CBE	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBG	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBG-A	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBG-Total	< LOQ	%	0.0060		< LOQ	mg/3.7g	0.223
CBL	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBL-A	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
CBL-Total	< LOQ	%	0.0061		< LOQ	mg/3.7g	0.225
CBN	0.0209	%	0.0032		0.772	mg/3.7g	0.120
CBT	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ10-THC-9R	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ10-THC-9S	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ10-THC-Total	< LOQ	%	0.0065		< LOQ	mg/3.7g	0.239
Δ8-THC [±]	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ8-THCV	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ9-THC [±]	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ9-THC-A [±]	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ9-THC-Total [±]	< LOQ	%	0.0061		< LOQ	mg/3.7g	0.225
Δ9-THCP	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ9-THCV	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ9-THCV-A	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120
Δ9-THCV-Total	< LOQ	%	0.0060		< LOQ	mg/3.7g	0.223



Potency					Method: J AOAC 2015 V98-6 (mod) ^b					Batch: 2502704		Analyze: 2025-04-14 21:07:00	
					Serving Size #1								
Analyte	Result	Units	LOQ	Notes	Result	Units	LOQ						
exo-THC	< LOQ	%	0.0032		< LOQ	mg/3.7g	0.120						
Total Cannabinoids	0.673	%			24.9	mg/3.7g							



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



Report Number: 25-003919/D002.R000
Report Date: 04/17/2025
ORELAP#: OR100028
Purchase Order:
Received: 04/11/25 14:50

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/3.7g = Milligram per 3.7g

% wt = µg/g divided by 10,000



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



Report Number: 25-003919/D002.R000
Report Date: 04/17/2025
ORELAP#: OR100028
Purchase Order:
Received: 04/11/25 14:50



**Hemp & Cannabis
Chain of Custody**

TribeTokes-1744219258

Company Details Company: <u>TribeTokes</u> Contact: <u>Crystal Hoffman</u> Street Address: <u>55 Madison Avenue, Suite 400, 7th Floor</u> City, State, Zip: <u>Morristown, NJ 07960</u> Email: <u>crystal@tribetokes.com</u> Contact Phone: <u>7208491726</u> Company Phone: <u>7208491726</u> Billing Information Billing Email: <u>degelis@tribetokes.com</u>		Project Details Turnaround Time: <u>5 Business Days Req. 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 H0010 - Potency Cannabis (Basic+Expanded)	
#	Sample Name	Material	Amount Provided	Reporting Unit	
1	D9 Peach Libido Gummies	Cannabinoid Edible	20 each	% & mg/serving	✓
2	CBD Cherry Libido Gummies duplicate 1	Cannabinoid Edible	20 each	% & mg/serving	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Crystal Hoffman</i>	04/09/2025	10:20	<i>dst</i>	04/11/2025	14:50	21.4	CL-0494

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: 2502704**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0296	0.0313	%	94.6	80.0 - 120	Acceptable	
CBDV	2	0.0308	0.0332	%	93.0	80.0 - 120	Acceptable	
CBE	2	0.0298	0.0319	%	93.4	80.0 - 120	Acceptable	
CBDA	1	0.0327	0.0345	%	94.8	90.0 - 110	Acceptable	
CBGA	1	0.0324	0.0338	%	95.9	80.0 - 120	Acceptable	
CBG	1	0.0309	0.0330	%	93.6	80.0 - 120	Acceptable	
CBD	1	0.0320	0.0323	%	98.9	90.0 - 110	Acceptable	
THCV	2	0.0302	0.0329	%	91.7	80.0 - 120	Acceptable	
d8THCV	2	0.0316	0.0339	%	93.0	80.0 - 120	Acceptable	
THCVA	2	0.0284	0.0306	%	92.7	80.0 - 120	Acceptable	
CBN	1	0.0313	0.0327	%	95.8	80.0 - 120	Acceptable	
exo-THC	2	0.0285	0.0314	%	90.8	80.0 - 120	Acceptable	
d9THC	1	0.0318	0.0327	%	97.3	90.0 - 110	Acceptable	
d8THC	1	0.0323	0.0340	%	95.0	90.0 - 110	Acceptable	
9S-d10THC	1	0.0330	0.0349	%	94.7	80.0 - 120	Acceptable	
CBL	2	0.0290	0.0315	%	92.0	80.0 - 120	Acceptable	
9R-d10THC	1	0.0327	0.0350	%	93.5	80.0 - 120	Acceptable	
CBC	2	0.0300	0.0330	%	91.1	80.0 - 120	Acceptable	
THCA	1	0.0375	0.0367	%	102	90.0 - 110	Acceptable	
CBCA	2	0.0304	0.0320	%	95.0	80.0 - 120	Acceptable	
CBLA	2	0.0304	0.0319	%	95.2	80.0 - 120	Acceptable	
d9THCP	2	0.0284	0.0316	%	89.7	80.0 - 120	Acceptable	
CBT	2	0.0278	0.0330	%	84.4	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBDV	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBE	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBDA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBGA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBG	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBD	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCV	<LOQ	0.00320	%	< 0.00320	Acceptable	
d8THCV	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCVA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBN	<LOQ	0.00320	%	< 0.00320	Acceptable	
exo-THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
d9THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
d8THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
9S-d10THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBL	<LOQ	0.00320	%	< 0.00320	Acceptable	
9R-d10THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBC	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBCA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBLA	<LOQ	0.00320	%	< 0.00320	Acceptable	
d9THCP	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBT	<LOQ	0.00320	%	< 0.00320	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: 2502704					
Sample Duplicate			Sample ID: 25-003872-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBG	0.0108	0.0107	0.00312	%	0.705	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBN	0.520	0.522	0.00312	%	0.208	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d9THC	0.487	0.486	0.00312	%	0.0741	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBC	0.00577	0.00573	0.00312	%	0.821	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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



Report Number: 25-003919/D002.R000
Report Date: 04/17/2025
ORELAP#: OR100028
Purchase Order:
Received: 04/11/25 14:50





Explanation of QC Flag Comments:

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

Certificate of Analysis

Produced: Dec 20, 2024

Sample: CBC-241218 (Distillate) • Client: Third-Party-Infinite Chemical Analysis Labs • Batch: Pass



Batch No.: CBC-241218
Matrix: Distillate
Category: Inhalable
Sample ID: ICC-241219-05-001
Collected on: Dec 19, 2024
Received on: Dec 19, 2024
Batch Size:
Sample Size:
Received By: Stephanie Paule

Batch Result: Pass

Potency	Tested	Mycotoxins	Pass
Metals	Pass	Pesticides	Pass
Microbial	Pass	Solvents	Pass

Cannabinoid Overview

Total THC:	0.00 %
Total CBD:	0.00 %
Sum of Cannabinoids:	98.9 %

POT-PREP-001: POT-PREP-001: Expanded Potency • Dec 20, 2024

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
CBC	98.9	989	0.266/0.798	CBN	ND	ND	0.0919/0.403
CBCA	ND	ND	0.373/1.12	CBNA	ND	ND	0.137/0.411
CBCV	ND	ND	0.115/0.403	CBT	ND	ND	0.115/0.403
CBD	ND	ND	0.0814/0.403	Δ ⁸ -THC	ND	ND	0.0652/0.403
CBDA	ND	ND	0.195/0.584	Δ ⁹ -THC	ND	ND	0.108/0.403
CBDV	ND	ND	0.0645/0.403	THCA	ND	ND	0.148/0.444
CBDVA	ND	ND	0.211/0.634	THCV	ND	ND	0.0498/0.403
CBG	ND	ND	0.0919/0.403	THCVA	ND	ND	0.161/0.483
CBGA	ND	ND	0.143/0.431	Total THC**	ND	ND	
CBL	ND	ND	0.0635/0.403	Total CBD**	ND	ND	
CBLA	ND	ND	0.881/2.64				

** Total THC = Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + (THCA x 0.877)
** Total CBD = CBD + (CBDA x 0.877)
NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



Signature

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Dec 20, 2024

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	0.7	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0602/0.181	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.1	ND	0.0182/0.0545	Pass
Cyfluthrin	2	ND	0.0186/0.0558	Pass					

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Dec 20, 2024

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.1	ND	0.0500/0.100	Pass	Imazalil	Any amt	ND	0.00898/0.0300	Pass
Acephate	0.1	ND	0.00743/0.0300	Pass	Imidacloprid	5	ND	0.0109/0.0331	Pass
Acequinocyl	0.1	ND	0.0150/0.0456	Pass	Kresoxim-methyl	0.1	ND	0.00708/0.0300	Pass
Acetamiprid	0.1	ND	0.00496/0.0300	Pass	Malathion	0.5	ND	0.00313/0.0300	Pass
Aldicarb	Any amt	ND	0.00838/0.0300	Pass	Metalaxyl	2	ND	0.00467/0.0300	Pass
Azoxystrobin	0.1	ND	0.00530/0.0300	Pass	Methiocarb	Any amt	ND	0.00245/0.0300	Pass
Bifenazate	0.1	ND	0.00706/0.0300	Pass	Methomyl	1	ND	0.00879/0.0300	Pass
Bifenthrin	3	ND	0.00439/0.0300	Pass	Mevinphos	Any amt	ND	0.00772/0.0300	Pass
Boscalid	0.1	ND	0.00809/0.0300	Pass	Myclobutanil	0.1	ND	0.00707/0.0300	Pass
Carbaryl	0.5	ND	0.00604/0.0300	Pass	Naled	0.1	ND	0.00849/0.0300	Pass
Carbofuran	Any amt	ND	0.00538/0.0300	Pass	Oxamyl	0.5	ND	0.00746/0.0300	Pass
Chlorantraniliprole	10	ND	0.00883/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00851/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.0152/0.0460	Pass	Permethrin	0.5	ND	0.00190/0.0300	Pass
Clofentezine	0.1	ND	0.00206/0.0300	Pass	Phosmet	0.1	ND	0.00511/0.0300	Pass
Coumaphos	Any amt	ND	0.00393/0.0300	Pass	Piperonylbutoxide	3	ND	0.00267/0.0300	Pass
Daminozide	Any amt	ND	0.0176/0.0534	Pass	Prallethrin	0.1	ND	0.0235/0.0711	Pass
Diazinon	0.1	ND	0.00475/0.0300	Pass	Propiconazole	0.1	ND	0.00909/0.0300	Pass
Dichlorvos	Any amt	ND	0.0182/0.0550	Pass	Propoxur	Any amt	ND	0.00780/0.0300	Pass
Dimethoate	Any amt	ND	0.00592/0.0300	Pass	Pyrethrins	0.5	ND	0.00278/0.0300	Pass
Dimethomorph	2	ND	0.00454/0.0300	Pass	Pyridaben	0.1	ND	0.00231/0.0300	Pass
Ethoprophos	Any amt	ND	0.00610/0.0300	Pass	Spinetoram	0.1	ND	0.00119/0.0300	Pass
Etofenprox	Any amt	ND	0.00437/0.0300	Pass	Spinosad	0.1	ND	0.000830/0.0300	Pass
Etoxazole	0.1	ND	0.00365/0.0300	Pass	Spiromesifen	0.1	ND	0.00894/0.0300	Pass
Fenhexamid	0.1	ND	0.0113/0.0342	Pass	Spirotetramat	0.1	ND	0.00808/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00415/0.0300	Pass	Spiroxamine	Any amt	ND	0.00555/0.0300	Pass
Fenpyroximate	0.1	ND	0.00396/0.0300	Pass	Tebuconazole	0.1	ND	0.00605/0.0300	Pass
Fipronil	Any amt	ND	0.0165/0.0500	Pass	Thiacloprid	Any amt	ND	0.00506/0.0300	Pass
Flonicamid	0.1	ND	0.0115/0.0350	Pass	Thiamethoxam	5	ND	0.00760/0.0300	Pass
Fludioxonil	0.1	ND	0.0119/0.0362	Pass	Trifloxystrobin	0.1	ND	0.00293/0.0300	Pass
Hexythiazox	0.1	ND	0.00124/0.0300	Pass					

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Dec 20, 2024

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.96/8.98	N/A	Aflatoxin G2		ND	2.07/6.26	N/A
Aflatoxin B2		ND	3.36/10.2	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	1.73/5.25	N/A	Ochratoxin A	20	ND	4.41/13.4	Pass

RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Dec 20, 2024

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dichloroethane	1	ND	0.169/0.516	Pass	Hexane	290	ND	0.0670/0.285	Pass
Acetone	5000	< LOQ	17.3/52.0	Pass	Isopropyl alcohol	5000	11.9	1.30/3.90	Pass
Acetonitrile	410	ND	0.122/0.364	Pass	Methanol	3000	19.7	3.02/9.05	Pass
Benzene	1	ND	0.0213/0.0648	Pass	Methylene chloride	1	ND	0.129/0.740	Pass
Butane	5000	ND	0.985/4.92	Pass	Pentane	5000	ND	0.976/4.33	Pass
Chloroform	1	ND	0.0365/0.110	Pass	Propane	5000	ND	4.50/13.5	Pass
Ethanol	5000	38.6	2.65/7.96	Pass	Toluene	890	1.07	0.0893/0.877	Pass
Ethyl acetate	5000	< LOQ	0.318/2.32	Pass	Trichloroethylene	1	ND	0.0183/0.147	Pass
Ethylene oxide	1	ND	0.155/0.587	Pass	o-Xylene		ND	0.102/0.870	N/A
Ethyl ether	5000	ND	1.20/3.60	Pass	p- and m-Xylene		ND	0.117/1.74	N/A
Heptane	5000	ND	0.697/2.90	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

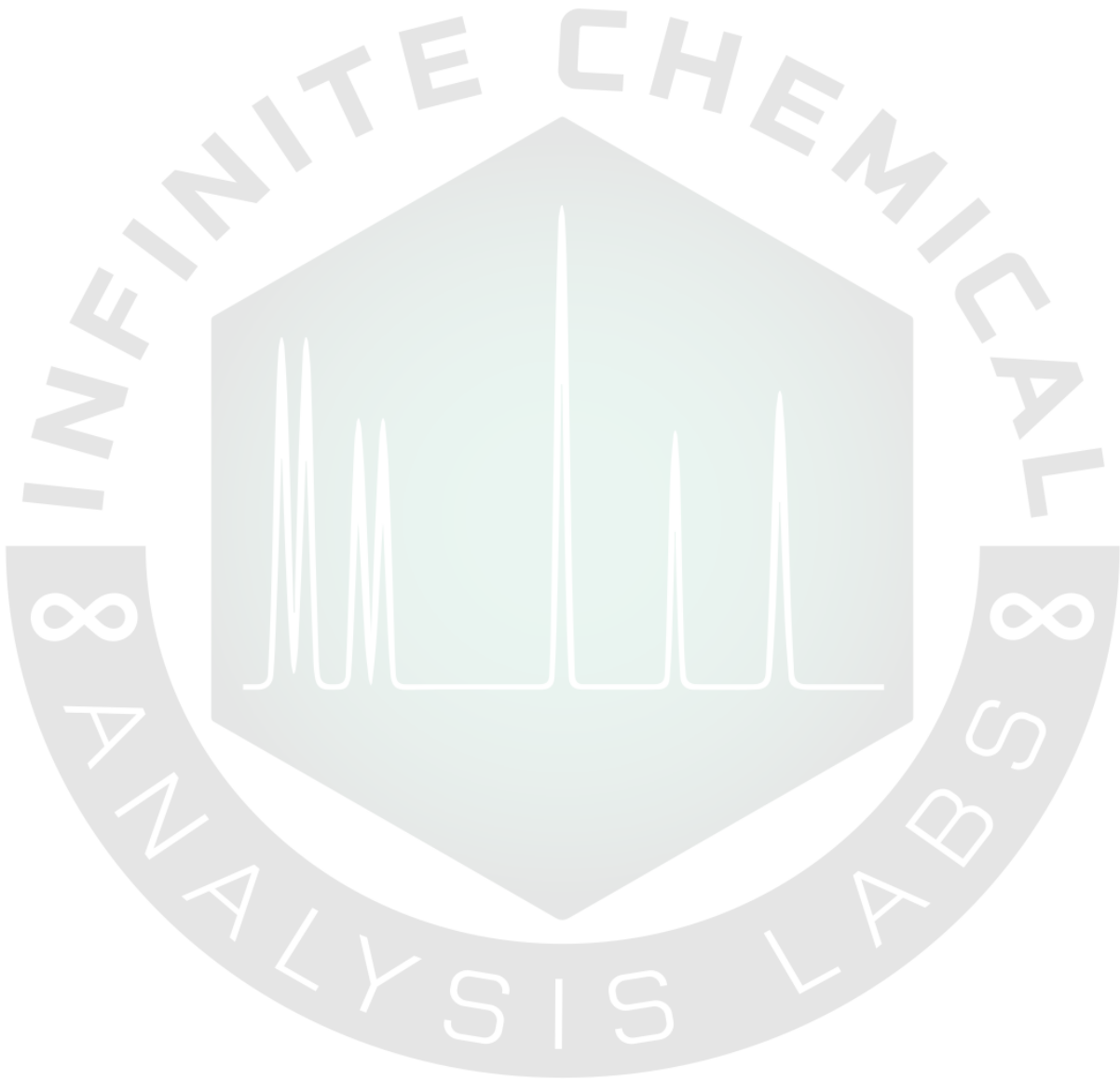
MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) • Dec 20, 2024

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Aspergillus flavus	ND	Pass	Aspergillus terreus	ND	Pass
Aspergillus fumigatus	ND	Pass	Salmonella spp.	ND	Pass
Aspergillus niger	ND	Pass	Shiga toxin-producing E. coli	ND	Pass



DM

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	0.2	ND	0.00300/0.00900	Pass	Lead	0.5	ND	0.00100/0.00400	Pass
Cadmium	0.2	ND	0.00100/0.00200	Pass	Mercury	0.1	ND	0.00500/0.0140	Pass



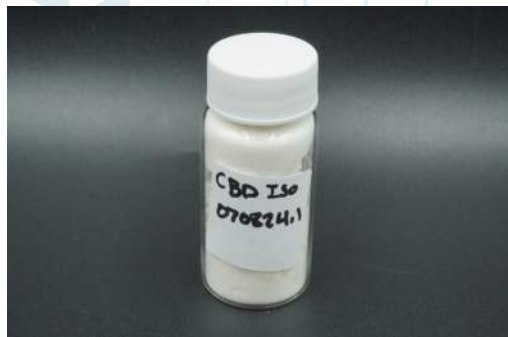
CBDISO-070824.1

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
CBDAV	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





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

2 of 5

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



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.

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

