

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com License#: 10029074C70

# Mango Haze CBD Vape L2302B004MH

Sample ID: G3K0045-03

Matrix: Hemp Extracts & Concentrates

Test ID: 5025643 Source ID:

Date Sampled: 11/03/23

Date Accepted: 11/03/23

**TribeTokes** 844.778.7423

#### Results at a Glance

Total THC: <LOQ (0.0005%) %

Total CBD: 53.95 %

Total CBG: 11.84 %

CBDV: 5.513 % PASS





Eric Wendt Chief Science Officer - 11/6/2023



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#### Mango Haze CBD Vape L2302B004MH

Sample ID: G3K0045-03 Matrix: Hemp Extracts & Concentrates

Test ID: 5025643 Source ID:

Date Sampled: 11/03/23 Date Accepted: 11/03/23

Date/Time Extracted: 11/03/23 11:41

**TribeTokes** 844.778.7423

Batch Identification: 2344061

54.0

#### **Potency Analysis**

Analysis Method/SOP: 215

**Cannabinoids Profile** Cannabinoids LOQ (%) % by Wt. mg/g **Total THC** 0.0005 < LOQ < LOQ 11.8 Total CBD 0.0431 53.95 539.5 Total CBG 0.0164 11.84 118.4 5.5 **THCA** 0.0005 < LOQ < LOQ delta 9-THC < LOQ < LOQ 0.0005 delta 8-THC 0.0934 < LOQ < LOQ < LOQ THCV 0.1052 < LOQ **THCVA** 0.0392 < LOQ < LOQ 539.5 CBD 0.0005 53.95 CBD 54.0 **CBDA** 0.0005 < LOQ < LOQ **CBDV** 5.5 CBG 11.8 **CBDV** 0.1040 5.513 55.13 Total: 71.3 < LOQ < LOQ **CBDVA** 0.0341

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

CBN

CBG

**CBGA** 

CBC

**Total Cannabinoids** 

0.0622

0.0164

0.0164

0.0186

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.

< LOQ

11.84

< LOQ

< LOQ 71.30 < LOQ

118.4

< LOQ

< LOQ

713

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025





Eric Wendt Chief Science Officer - 11/6/2023



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# Quality Control Potency

Batch: 2344061 - 215-Concentrates

Blank(2344061-	BLK1)		•				
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/03/23 11:41	11/03/23 22:06	
delta 9-THC	< LOQ	0.0005	%		11/03/23 11:41	11/03/23 22:06	
delta 8-THC	< LOQ	0.0934	%		11/03/23 11:41	11/03/23 22:06	
THCV	< LOQ	0.1052	%		11/03/23 11:41	11/03/23 22:06	
THCVA	< LOQ	0.0392	%		11/03/23 11:41	11/03/23 22:06	
CBD	< LOQ	0.0005	%		11/03/23 11:41	11/03/23 22:06	
CBDA	< LOQ	0.0005	%		11/03/23 11:41	11/03/23 22:06	
CBDV	< LOQ	0.1040	%		11/03/23 11:41	11/03/23 22:06	
CBDVA	< LOQ	0.0341	%		11/03/23 11:41	11/03/23 22:06	
CBN	< LOQ	0.0622	%		11/03/23 11:41	11/03/23 22:06	
CBG	< LOQ	0.0164	%		11/03/23 11:41	11/03/23 22:06	
CBGA	< LOQ	0.0164	%		11/03/23 11:41	11/03/23 22:06	
CBC	< LOQ	0.0186	%		11/03/23 11:41	11/03/23 22:06	

Reference(2344061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.1	0.0002	%	90-110	11/03/23 11:41	11/03/23 22:29	
delta 9-THC	103	0.0002	%	90-110	11/03/23 11:41	11/03/23 22:29	
delta 8-THC	100	0.0449	%	90-110	11/03/23 11:41	11/03/23 22:29	
CBD	109	0.0002	%	90-110	11/03/23 11:41	11/03/23 22:29	
CBDA	97.8	0.0002	%	90-110	11/03/23 11:41	11/03/23 22:29	







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# **Notes and Definitions**

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

ATM	Non-cannabis matrix related interference or suppression of Internal standard
BLI	Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery.
BLK	Analyte detected in method blank, but not associated samples.
BSH	Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
BSL	Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed
С	manually for all samples.
CBD	Interference due to co-elution
CV1	CBD matrix interference on GC Pest chromatography
CV2	CCV was above acceptance criteria, Non-detect samples are considered acceptable.
INF	CCV was below acceptance criteria, sample still exceeds regulatory limit.
ISH	One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
ISL	Internal Standard concentration is above acceptance criteria.
MSH	Internal Standard concentration is below acceptance criteria.
MSI	Matrix Spike High - Matrix Spike recovery above method limits.
MSL	Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting

Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed

Internal Standard concentration outside control limit due to matrix interference





recovery accuracy in Matrix Spike.

manually for all samples.



# CERTIFICATE OF ANALYSIS

Prepared for:

#### **Tribe Tokes**

242 W 38th Street Floor 7 New York, NY USA 10018

## **CBD Crystal Resistant Distillate - L2308B017**

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 3
L2308B017	Various	Concentrate	
Reported:	Started:	Received:	
06Aug2023	04Aug2023	03Aug2023	

## **Residual Solvents -Colorado Compliance**

Test ID: T000251548

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1807	ND	
Butanes (Isobutane, n-Butane)	177 - 3536	ND	
Methanol	56 - 1115	ND	
Pentane	90 - 1792	ND	
Ethanol	89 - 1781	ND	
Acetone	89 - 1779	ND	
Isopropyl Alcohol	93 - 1858	ND	
Hexane	5 - 109	ND	
Ethyl Acetate	91 - 1810	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	90 - 1802	ND	
Toluene	16 - 323	ND	
Xylenes (m,p,o-Xylenes)	119 - 2383	ND	<del></del>

**Final Approval** 

PREPARED BY / DATE

Karen Winternheimer 06Aug2023

10:32:00 AM MDT

Sam Smith Samontha Small 06Aug2023 10:36:00 AM MDT

APPROVED BY / DATE



# CERTIFICATE OF ANALYSIS

Prepared for:

#### **Tribe Tokes**

242 W 38th Street Floor 7 New York, NY USA 10018

## **CBD Crystal Resistant Distillate - L2308B017**

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 3
L2308B017	Various	Concentrate	
Reported:	Started:	Received:	
06Aug2023	04Aug2023	03Aug2023	

#### Microbial

#### **Contaminants -**

#### **Colorado Compliance**

Test ID: T000251546

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial			Quantitation			
(Colorado Panel)	Method	LOD	Range	Result	Notes	
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter	
Salmonella	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	- Toreign matter	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected		
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected		
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected		

**Final Approval** 

Brown Mullot 06Aug2023

Brianne Maillot 10:49:00 AM MDT

Eden Thompson

APPROVED BY / DATE

Eden Thompson-Wright 07Aug2023 10:01:00 AM MDT

PREPARED BY / DATE

# **Heavy Metals -**

# **Colorado Compliance**

Test ID: T000251547

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.83	ND	
Cadmium	0.05 - 4.62	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.04 - 4.40	ND	

**Final Approval** 

Samantha Small PREPARED BY / DATE

Sam Smith 08Aug2023 03:37:00 PM MDT

APPROVED BY / DATE

Karen Winternheimer 08Aug2023 Mtenheme 03:40:00 PM MDT



# CERTIFICATE OF ANALYSIS

Prepared for:

#### Tribe Tokes

242 W 38th Street Floor 7 New York, NY USA 10018

### **CBD Crystal Resistant Distillate - L2308B017**

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 3 of 3
L2308B017	Various	Concentrate	
Reported:	Started:	Received:	
06Aug2023	04Aug2023	03Aug2023	

# **Mycotoxins - Colorado Compliance**

Test ID: T000251549

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	<b>Dynamic Range</b> (ppb)	Result (ppb)	Notes
Ochratoxin A	1.32 - 126.06	ND	N/A
Aflatoxin B1	0.94 - 32.52	ND	
Aflatoxin B2	1.00 - 32.61	ND	
Aflatoxin G1	0.94 - 32.58	ND	
Aflatoxin G2	1.73 - 32.64	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

#### **Final Approval**

Somethe Small

Sam Smith 11Aug2023 11:08:00 AM MDT

PREPARED BY / DATE

MUNHUME 11:12:00 AM MDT

Karen Winternheimer 11Aug2023



https://results.botanacor.com/api/v1/coas/uuid/42af8200-2840-4571-8771-2e3bf90d6c10

#### **Definitions**

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa \*(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details.







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