

Prepared for:

Bent Paddle Brewing Co

1912 W Michigan St.

Duluth, MN USA 55806

C&C High Tea - Mango Tango Green Tea

Batch ID or Lot Number: 080323-MT	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 4
Reported: 01Aug2023	Started: 01Aug2023	Received: 01Aug2023	


Cannabinoids

Test ID: T000251178


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.193	0.644	ND	ND	# of Servings = 1, Sample Weight=473g
Cannabichromenic Acid (CBCA)	0.176	0.589	ND	ND	
Cannabidiol (CBD)	0.607	1.703	ND	ND	
Cannabidiolic Acid (CBDA)	0.622	1.747	ND	ND	
Cannabidivarin (CBDV)	0.144	0.403	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.260	0.729	ND	ND	
Cannabigerol (CBG)	0.109	0.365	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.458	1.527	ND	ND	
Cannabinol (CBN)	0.143	0.477	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.312	1.042	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.545	1.820	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.495	1.653	10.220	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.439	1.464	ND	ND	
Tetrahydrocannabivarin (THCV)	0.100	0.332	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.387	1.292	ND	ND	
Total Cannabinoids			10.220	0.00	
Total Potential THC			10.220	0.00	
Total Potential CBD			ND	ND	

Final Approval

 Sam Smith
01Aug2023
01:12:00 PM MDT

PREPARED BY / DATE

 Karen Winternheimer
01Aug2023
01:16:00 PM MDT

APPROVED BY / DATE

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Pesticides


Test ID: T000251179

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	405 - 2594	ND		Malathion	303 - 2745	ND
Acephate	38 - 2739	ND		Metalaxyl	43 - 2698	ND
Acetamiprid	41 - 2701	ND		Methiocarb	40 - 2731	ND
Azoxystrobin	46 - 2690	ND		Methomyl	39 - 2736	ND
Bifenazate	42 - 2685	ND		MGK 264 1	185 - 1690	ND
Boscalid	42 - 2763	ND		MGK 264 2	112 - 1093	ND
Carbaryl	38 - 2710	ND		Myclobutanil	30 - 2725	ND
Carbofuran	44 - 2694	ND		Naled	41 - 2674	ND
Chlorantraniliprole	39 - 2719	ND		Oxamyl	40 - 2747	ND
Chlorpyrifos	41 - 2733	ND		Paclobutrazol	43 - 2700	ND
Clofentezine	294 - 2738	ND		Permethrin	307 - 2723	ND
Diazinon	301 - 2710	ND		Phosmet	43 - 2685	ND
Dichlorvos	279 - 2725	ND		Prophos	317 - 2737	ND
Dimethoate	43 - 2691	ND		Propoxur	42 - 2716	ND
E-Fenpyroximate	308 - 2765	ND		Pyridaben	313 - 2703	ND
Etofenprox	43 - 2718	ND		Spinosad A	30 - 2095	ND
Etoxazole	318 - 2725	ND		Spinosad D	72 - 666	ND
Fenoxycarb	42 - 2714	ND		Spiromesifen	302 - 2737	ND
Fipronil	51 - 2692	ND		Spirotetramat	327 - 2733	ND
Flonicamid	43 - 2744	ND		Spiroxamine 1	17 - 1242	ND
Fludioxonil	320 - 2720	ND		Spiroxamine 2	21 - 1511	ND
Hexythiazox	43 - 2750	ND		Tebuconazole	318 - 2716	ND
Imazalil	296 - 2740	ND		Thiacloprid	40 - 2696	ND
Imidacloprid	42 - 2739	ND		Thiamethoxam	39 - 2740	ND
Kresoxim-methyl	44 - 2723	ND		Trifloxystrobin	42 - 2699	ND

Final Approval


Karen Winternheimer
03Aug2023
01:15:00 PM MDT
PREPARED BY / DATE


Sam Smith
03Aug2023
01:18:00 PM MDT
APPROVED BY / DATE

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Microbial Contaminants


Test ID: T000251180

Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

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

Final Approval


Brianne Maillot
04Aug2023
10:54:00 AM MDT


Brett Hudson
04Aug2023
11:47:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE


Heavy Metals


Test ID: T000251181

Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.70	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.80	ND	
Lead	0.05 - 4.64	ND	

Final Approval


Samantha Smith
07Aug2023
03:42:00 PM MDT


Karen Winternheimer
07Aug2023
03:45:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/2963160e-dbbd-4299-bad6-04a42c817726>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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