

Prepared for:

Astraèa & Co50 E. Ridgewood Ave, STE 303
Ridgewood, NJ USA 07450**CBG:CBD Tincture**


Batch ID or Lot Number: SLT5-040422	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 2
Reported: 13Apr2022	Started: 12Apr2022	Received: 11Apr2022	

Cannabinoids


Test ID: T000202335

Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.127	0.394	0.160	1.60	
Cannabichromenic Acid (CBCA)	0.116	0.361	ND	ND	
Cannabidiol (CBD)	0.361	1.012	2.800	28.00	
Cannabidiolic Acid (CBDA)	0.370	1.038	ND	ND	
Cannabidivarin (CBDV)	0.085	0.239	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.154	0.433	ND	ND	
Cannabigerol (CBG)	0.072	0.224	2.520	25.20	
Cannabigerolic Acid (CBGA)	0.302	0.936	ND	ND	
Cannabinol (CBN)	0.094	0.292	ND	ND	
Cannabinolic Acid (CBNA)	0.206	0.638	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.359	1.115	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.326	1.012	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.289	0.897	ND	ND	
Tetrahydrocannabivarin (THCV)	0.066	0.204	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.255	0.791	ND	ND	
Total Cannabinoids			5.480	54.80	
Total Potential THC			ND	ND	
Total Potential CBD			2.800	28.00	

Final Approval

Sam Smith
13Apr2022
02:23:00 PM MDT

PREPARED BY / DATE

Ryan Weems
13Apr2022
02:27:00 PM MDT

APPROVED BY / DATE

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Astraèa & Co

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Microbial Contaminants

Test ID: T000202336

Methods: TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)

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


 Brett Hudson
 14Apr2022
 03:23:00 PM MDT



 Brianne Maillot
 14Apr2022
 04:25:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/26aaf623-0bfa-48e1-b598-c8885883e582>
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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. 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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