

Prepared for:

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


| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: SLT2-040622 | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 1 of 2 |
| Reported: 13Apr2022 | Started: 12Apr2022 | Received: 11Apr2022 | |

Cannabinoids


Test ID: T000202340

Methods: TM14 (HPLC-DAD)

| | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) | Notes |
|--|---------|---------|--------------|---------------|-------|
| Cannabichromene (CBC) | 0.127 | 0.394 | 0.190 | 1.90 | |
| Cannabichromenic Acid (CBCA) | 0.116 | 0.361 | ND | ND | |
| Cannabidiol (CBD) | 0.361 | 1.012 | 2.760 | 27.60 | |
| 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 | ND | ND | |
| Cannabigerolic Acid (CBGA) | 0.302 | 0.936 | ND | ND | |
| Cannabinol (CBN) | 0.094 | 0.292 | 0.880 | 8.80 | |
| 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 | | | 3.830 | 38.30 | |
| Total Potential THC | | | ND | ND | |
| Total Potential CBD | | | 2.760 | 27.60 | |

Final Approval

Sam Smith
13Apr2022
02:23:00 PM MDT

PREPARED BY / DATE

Ryan Weems
13Apr2022
02:27:00 PM MDT

APPROVED BY / DATE

Prepared for:
Astraèa & Co

 50 E. Ridgewood Ave, STE 303
 Ridgewood, NJ USA 07450

CBD:CBN Tincture

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: SLT2-040622 | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 2 of 2 |
| Reported: 13Apr2022 | Started: 12Apr2022 | Received: 11Apr2022 | |

Microbial Contaminants

Test ID: T000202341

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/f791f985-f017-471c-ae6a-6a41f9b9eed5>
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](#).


 Cert #4329.02
 f791f985f017471cae6a6a41f9b9eed5.1