

100523-Calming Peanut Butter 500mg-C0504-HM2020

CERTIFICATE OF ANALYSIS

Prepared for:

VetCS

6834 S University Blvd #225 Centennial, CO USA 80122

| Batch ID or Lot Number: 103393 | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 1 of 2 | |
|--|---------------------------------------|------------------------|-------------|--|
| Reported: 12Oct2023 | Started: 11Oct2023 | Received: 06Oct2023 | | |

Cannabinoids - Colorado

Compliance

Test ID: T000258299 Methods: TM14 (HPLC-DAD): Potency - Standard

| Cannabinoid Analysis | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|--|---------|---------|---|----------------------|
| Cannabichromene (CBC) | 0.005 | 0.018 | ND | ND |
| Cannabichromenic Acid (CBCA) | 0.005 | 0.017 | ND | ND |
| Cannabidiol (CBD) | 0.016 | 0.053 | 0.261 | 2.61 |
| Cannabidiolic Acid (CBDA) | 0.017 | 0.054 | ND | ND |
| Cannabidivarin (CBDV) | 0.004 | 0.012 | ND | ND |
| Cannabidivarinic Acid (CBDVA) | 0.007 | 0.023 | ND | ND |
| Cannabigerol (CBG) | 0.003 | 0.010 | <loq< td=""><td><loq< td=""></loq<></td></loq<> | <loq< td=""></loq<> |
| Cannabigerolic Acid (CBGA) | 0.013 | 0.044 | ND | ND |
| Cannabinol (CBN) | 0.004 | 0.014 | ND | ND |
| Cannabinolic Acid (CBNA) | 0.009 | 0.030 | ND | ND |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.015 | 0.052 | ND | ND |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.014 | 0.047 | ND | ND |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.012 | 0.042 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 0.003 | 0.009 | ND | ND |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.011 | 0.037 | ND | ND |
| Total Cannabinoids | | | 0.261 | 2.61 |
| Total Potential THC | | | ND | ND |
| Total Potential CBD | | | 0.261 | 2.61 |

Final Approval

120ct2023 09:24:00 AM MDT

Karen Winternheimer 12Oct2023

PREPARED BY / DATE

Sam Smith Serventha Smoll 120ct2023 09:26:00 AM MDT

APPROVED BY / DATE

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Microbial **Contaminants** -**Colorado Compliance**

Test ID: T000258300

Methods: TM25 (qPCR) TM24, TM26, 27 (Culture Disting) Microbial

| TM27 (Culture Plating): Microbial (Colorado Panel) | Method | LOD | Quantitation Range | Result | Notes |
|---|--------------------------|-------------------------|---|---------------|---|
| STEC | TM25: PCR | 10 ⁰ CFU/25g | NA | Absent | Free from visual mold, mildew, an – foreign matter |
| Salmonella | 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 Broanne Maillob 120ct2023 PREPARED BY / DATE

01:59:00 PM MDT



APPROVED BY / DATE

Eden Thompson-Wright 12Oct2023 02:20:00 PM MDT



Definitions

https://results.botanacor.com/api/v1/coas/uuid/dc805d99-91ea-4c14-a894-94d495eb228c

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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