

CERTIFICATE OF ANALYSIS

Prepared for:

VetCS

6834 S University Blvd #225
Centennial, CO USA 80122

041522-Calming CBD Peanut Butter-C0504-HM2020

Batch ID or Lot Number: 103363	Test: Potency	Reported: 20Apr2022	USDA License: N/A
Matrix: Unit	Test ID: T000203402	Started: 19Apr2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 15Apr2022	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	7.465	18.283	ND	ND	# of Servings = 1 Sample Weight=113g
Cannabichromenic Acid (CBCA)	6.828	16.723	ND	ND	
Cannabidiol (CBD)	28.159	50.739	271.899	2.41	
Cannabidiolic Acid (CBDA)	28.881	52.040	ND	ND	
Cannabidivarin (CBDV)	6.660	12.000	ND	ND	
Cannabidivarinic Acid (CBDVA)	12.048	21.709	ND	ND	
Cannabigerol (CBG)	4.238	10.381	4.918*	0.04*	
Cannabigerolic Acid (CBGA)	17.718	43.395	ND	ND	
Cannabinol (CBN)	5.529	13.542	ND	ND	
Cannabinolic Acid (CBNA)	12.088	29.607	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	21.108	51.699	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	19.170	46.952	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	16.985	41.600	ND	ND	
Tetrahydrocannabivarin (THCV)	3.855	9.442	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	14.981	36.693	ND	ND	
Total Cannabinoids			276.817	2.45	
Total Potential THC			ND	ND	
Total Potential CBD			271.899	2.41	

Final Approval



Daniel Weidensaul
20Apr2022
02:43:00 PM MDT

PREPARED BY / DATE



Ryan Weems
20Apr2022
03:41:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/31a27a83-f8c6-49ae-89a6-1cd88095e5f8>

Definitions

% = % (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)).

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.



Cert #4329.02

CDPHE Certified
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041522-Calming CBD Peanut Butter-C0504-HM2020

 Prepared for:
VetCS

Batch ID or Lot Number: 103363	Test: Microbial Contaminants	Reported: 4/21/22	Location: 6834 S University Blvd #225 Centennial, CO 80122
Matrix: Finished Product	Test ID: T000203403	Started: 4/18/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 04/15/2022 @ 04:20 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
STEC	TM-25, PCR	10 ⁰ CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	10 ⁰ CFU/25 g	NA	NA	Absent	

Brianne Maillot
 Brianne Maillot
 4/21/2022
 2:34:00 PM

PREPARED BY / DATE

Carly Bader
 Carly Bader
 4/21/2022
 3:13:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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

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