SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
VetCS
6834 S University Blvd #225
Centennial, CO USA 80122

100523-Calming Peanut Butter 500mg-C0504-HM2020

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

Cannabinoids - Colorado Compliance

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

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
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	<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

Karen Winternheimer
12Oct2023
09:24:00 AM MDT
PREPARED BY / DATE

Sam Smith
12Oct2023
09:26:00 AM MDT
APPROVED BY / DATE

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103393	Various	Concentrate	
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Microbial Contaminants - Colorado Compliance

Test ID: T000258300
Methods: TM25 (qPCR) TM24, TM26, 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, and 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
12Oct2023
01:59:00 PM MDT
PREPARED BY / DATE

Eden Thompson-Wright
12Oct2023
02:20:00 PM MDT
APPROVED BY / DATE

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

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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