SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Lume CBD
15205 TANDEM COURT
PETERSBURG, MI USA 49270

Lume Pain Relief Balm 250

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 1
CBS1009	Various	Unit	
Reported:	**Started:**	**Received:**	
29Sep2023	12Sep2023	08Sep2023	

Cannabinoids

Test ID: T000255408
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	2.039	6.378	ND	ND	Amendment to T000255408 issued 13Sep2023 to update report format. # of Servings = 1, Sample Weight=17g
Cannabichromenic Acid (CBCA)	1.865	5.834	ND	ND	
Cannabidiol (CBD)	6.468	16.482	264.660	15.60	
Cannabidiolic Acid (CBDA)	6.634	16.905	ND	ND	
Cannabidivarin (CBDV)	1.530	3.898	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.767	7.052	ND	ND	
Cannabigerol (CBG)	1.158	3.621	ND	ND	
Cannabigerolic Acid (CBGA)	4.840	15.139	ND	ND	
Cannabinol (CBN)	1.510	4.724	ND	ND	
Cannabinolic Acid (CBNA)	3.302	10.329	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.766	18.035	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	5.236	16.379	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.640	14.512	ND	ND	
Tetrahydrocannabivarin (THCV)	1.053	3.294	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.092	12.800	ND	ND	
Total Cannabinoids			**264.660**	**15.60**	
Total Potential THC			ND	ND	
Total Potential CBD			264.660	15.60	

Final Approval


Sam Smith
29Sep2023
12:18:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
29Sep2023
12:22:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3b8a08cf-6763-4fff-bccb-dad10ed42ca2

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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