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CERTIFICATE OF ANALYSIS

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

Lume Pet Tincture 500

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 1
PT1008	Various	Unit	
Reported:	**Started:**	**Received:**	
29Sep2023	12Sep2023	08Sep2023	

Cannabinoids

Test ID: T000255410
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.593	4.983	ND	ND	Amendment to T000255410 issued 13Sep2023 to update report format. # of Servings = 1, Sample Weight=28.3g
Cannabichromenic Acid (CBCA)	1.457	4.558	ND	ND	
Cannabidiol (CBD)	5.053	12.876	502.110	17.70	
Cannabidiolic Acid (CBDA)	5.183	13.207	ND	ND	
Cannabidivarin (CBDV)	1.195	3.045	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	2.162	5.509	ND	ND	
Cannabigerol (CBG)	0.904	2.829	ND	ND	
Cannabigerolic Acid (CBGA)	3.781	11.827	ND	ND	
Cannabinol (CBN)	1.180	3.691	ND	ND	
Cannabinolic Acid (CBNA)	2.580	8.069	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.505	14.090	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.091	12.796	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.625	11.338	ND	ND	
Tetrahydrocannabivarin (THCV)	0.823	2.573	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.197	10.000	ND	ND	
Total Cannabinoids			**502.110**	**17.70**	
Total Potential THC			ND	ND	
Total Potential CBD			502.110	17.70	

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/4864c0bb-da1c-4fc4-b7b6-ec489843249c

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.

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 Accredited by A2LA. 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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