

CERTIFICATE OF ANALYSIS

Prepared for:
HD DISTRIBUTION

3147 CENTURY STREET
COLORADO SPRINGS, CO USA 80907

Broad Spectrum Water Soluble Gel

Batch ID or Lot Number: HDE22243WSBG	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 1
Reported: 12Oct2023	Started: 07Sep2022	Received: 06Sep2022	

Cannabinoids

Test ID: T000220463

Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.018	0.057	ND	ND	Amendment to T000220463 issued 08Sep2022 to correct laboratory reporting error.
Cannabichromenic Acid (CBCA)	0.016	0.052	ND	ND	
Cannabidiol (CBD)	0.055	0.157	14.000	140.00	
Cannabidiolic Acid (CBDA)	0.056	0.161	ND	ND	
Cannabidivarın (CBDV)	0.013	0.037	0.370	3.70	
Cannabidivarinic Acid (CBDVA)	0.023	0.067	ND	ND	
Cannabigerol (CBG)	0.010	0.032	1.830	18.30	
Cannabigerolic Acid (CBGA)	0.042	0.136	ND	ND	
Cannabinol (CBN)	0.013	0.042	0.070	0.70	
Cannabinolic Acid (CBNA)	0.029	0.093	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.050	0.162	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.046	0.147	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.041	0.130	ND	ND	
Tetrahydrocannabivarın (THCV)	0.009	0.030	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.036	0.115	ND	ND	
Total Cannabinoids			16.270	162.70	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			14.000	140.00	

Final Approval

 Sam Smith
12Oct2023
10:07:00 AM MDT

PREPARED BY / DATE

 Karen Winternheimer
12Oct2023
10:08:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/aad379bf-5604-4871-bad1-7fa825075ebf>

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)). This 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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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.](#)

