

Prepared for:

**The Lighthearted Farmer**

PO Box 274


Pine, CO USA 80470

**Lion's Mane Mushroom - CBG 300mg**

Batch ID or Lot Number:	Test: <b>Potency</b>	Reported: <b>21Nov2023</b>	USDA License: N/A
Matrix: Solution	Test ID: T000262169	Started: 20Nov2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 17Nov2023	Status: Active

**Cannabinoids**

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.060	0.219	0.298	0.33	Density = 0.9125g/mL
Cannabichromenic Acid (CBCA)	0.055	0.200	ND	ND	
Cannabidiol (CBD)	0.188	0.490	ND	ND	
Cannabidiolic Acid (CBDA)	0.193	0.502	ND	ND	
Cannabidivarin (CBDV)	0.044	0.116	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.080	0.210	ND	ND	
Cannabigerol (CBG)	0.034	0.124	7.770	8.52	
Cannabigerolic Acid (CBGA)	0.143	0.519	ND	ND	
Cannabinol (CBN)	0.045	0.162	ND	ND	
Cannabinolic Acid (CBNA)	0.097	0.354	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.170	0.618	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.155	0.561	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.137	0.497	ND	ND	
Tetrahydrocannabivarin (THCV)	0.031	0.113	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.121	0.439	ND	ND	
<b>Total Cannabinoids</b>			<b>8.068</b>	<b>8.85</b>	
Total Potential THC			ND	ND	
Total Potential CBD			ND	ND	

**Final Approval**Sam Smith  
21Nov2023  
11:38:00 AM MST

PREPARED BY / DATE

Karen Winternheimer  
21Nov2023  
11:41:00 AM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/e63adf87-bda4-4e7d-afb1-44d4b727b64d>**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 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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



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