SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
The Lighthearted Farmer
PO Box 274
Pine, CO USA 80470

Gut Restoration - CBG 300mg/CBD 300mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
	Potency	**21Nov2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000262171	20Nov2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	17Nov2023	Active

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.056	0.205	0.866	0.95	Density = 0.9125g/mL
Cannabichromenic Acid (CBCA)	0.052	0.188	ND	ND	
Cannabidiol (CBD)	0.176	0.459	10.067	11.03	
Cannabidiolic Acid (CBDA)	0.181	0.471	ND	ND	
Cannabidivarin (CBDV)	0.042	0.109	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.075	0.197	ND	ND	
Cannabigerol (CBG)	0.032	0.116	9.146	10.02	
Cannabigerolic Acid (CBGA)	0.134	0.487	ND	ND	
Cannabinol (CBN)	0.042	0.152	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.091	0.332	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.160	0.580	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.145	0.527	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.128	0.467	ND	ND	
Tetrahydrocannabivarin (THCV)	0.029	0.106	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.113	0.412	ND	ND	
Total Cannabinoids			**20.079**	**22.00**	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			10.067	11.03	

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/a129e9a2-ab1d-40ef-b1ff-ae327befbc39

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)).

Cert #4329.02
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