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CERTIFICATE OF ANALYSIS

Prepared for:
Madlock Farms
260 Quail Cove Lane
Brasstown, NC USA 28902

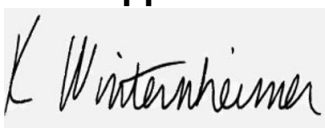
CBG/CBD Tincture 3000 mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
#202301	**Potency**	**30Apr2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000242667	27Apr2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	27Apr2023	N/A

Cannabinoids

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.090	0.271	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.083	0.248	ND	ND	
Cannabidiol (CBD)	0.282	0.729	5.840	58.40	
Cannabidiolic Acid (CBDA)	0.289	0.747	ND	ND	
Cannabidivarin (CBDV)	0.067	0.172	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.121	0.312	ND	ND	
Cannabigerol (CBG)	0.051	0.154	5.050	50.50	
Cannabigerolic Acid (CBGA)	0.214	0.643	ND	ND	
Cannabinol (CBN)	0.067	0.201	ND	ND	
Cannabinolic Acid (CBNA)	0.146	0.439	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.255	0.767	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.232	0.696	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.206	0.617	ND	ND	
Tetrahydrocannabivarin (THCV)	0.047	0.140	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.181	0.544	ND	ND	
Total Cannabinoids			**10.890**	**108.90**	
Total Potential THC			ND	ND	
Total Potential CBD			5.840	58.40	

Final Approval



Karen Winternheimer
30Apr2023
08:36:00 AM MDT
PREPARED BY / DATE

Sam Smith
30Apr2023
08:38:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/7b70f03a-8e06-4a21-8cae-34b6f86515be

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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