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CERTIFICATE OF ANALYSIS

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

MadChill

Batch ID or Lot Number:	Test:	Reported:	USDA License:
31399	**Potency**	**29Aug2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000253152	28Aug2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	23Aug2023	Active

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.138	0.314	ND	ND	# of Servings = 1 Sample Weight=0.753g
Cannabichromenic Acid (CBCA)	0.126	0.287	ND	ND	
Cannabidiol (CBD)	0.342	0.823	16.180	21.49	
Cannabidiolic Acid (CBDA)	0.351	0.844	ND	ND	
Cannabidivarin (CBDV)	0.081	0.195	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.147	0.352	ND	ND	
Cannabigerol (CBG)	0.079	0.178	ND	ND	
Cannabigerolic Acid (CBGA)	0.328	0.746	ND	ND	
Cannabinol (CBN)	0.102	0.233	ND	ND	
Cannabinolic Acid (CBNA)	0.224	0.509	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.391	0.888	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.032	0.073	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.029	0.065	ND	ND	
Tetrahydrocannabivarin (THCV)	0.071	0.162	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.278	0.630	ND	ND	
Total Cannabinoids			**16.180**	**21.49**	
Total Potential THC			ND	ND	
Total Potential CBD			16.180	21.49	

Final Approval

Karen Winternheimer
29Aug2023
11:29:00 AM MDT

PREPARED BY / DATE

Sam Smith
29Aug2023
11:34:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/e83cc5db-7983-4825-b881-1ead5af56612

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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