

CERTIFICATE OF ANALYSIS

Prepared for:

Madlock Farms

260 Quail Cove Lane Brasstown, NC USA 28902

MadSleep

Batch ID or Lot Number: 31398	Test: Potency	Reported: 29Aug2023	USDA License: N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000253151	28Aug2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	23Aug2023	Active

Cannabichromene (CBC) 0.138 0.314 ND ND # of Servings = Sample Weight=0.7g Cannabichromenic Acid (CBCA) 0.126 0.287 ND ND MD Cannabidioli (CBD) 0.342 0.823 17.585 25.13 Weight=0.7g Cannabidiolic Acid (CBDA) 0.351 0.844 ND ND ND Cannabidivarin (CBDV) 0.081 0.195 <loq< td=""> <loq< td=""> <loq< td=""> Cannabidivarinic Acid (CBDVA) 0.147 0.352 ND ND ND Cannabigerol (CBG) 0.079 0.178 ND ND ND Cannabigerolic Acid (CBGA) 0.328 0.746 ND ND Cannabinolic Acid (CBNA) 0.102 0.233 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.391 0.888 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.029 0.065 ND ND Delta 9-Tetrahydrocannabivarin (THCV) 0.071 0.162 ND ND Total Potential THC<</loq<></loq<></loq<>	Cannabinoids	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabidiol (CBD) 0.342 0.823 17.585 25.13 Cannabidiolic Acid (CBDA) 0.351 0.844 ND ND Cannabidiolir Acid (CBDV) 0.081 0.195 <loq< td=""> <loq< td=""> 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-Tetrahydrocannabinolic Acid (THCA-A) 0.029 0.065 ND ND Tetrahydrocannabivarin (THCV) 0.071 0.162 ND ND Total Cannabinoids 17.585 25.13 Total Potential THC ND ND ND</loq<></loq<>	Cannabichromene (CBC)	0.138	0.314	ND	ND # of Servings =	
Cannabidiolic Acid (CBDA) 0.342 0.823 17.363 23.13 Cannabidiolic Acid (CBDA) 0.351 0.844 ND ND Cannabidivarinic Acid (CBDVA) 0.081 0.195 <loq< td=""> <loq< td=""> Cannabidivarinic Acid (CBDVA) 0.147 0.352 ND ND Cannabigeroli (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-Tetrahydrocannabinoli (Delta 9-THC) 0.032 0.073 ND ND Delta 9-Tetrahydrocannabivarin (THCV) 0.071 0.162 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.278 0.630 ND ND Total Cannabinoids 17.585 25.13 Total Potential THC ND ND <td>Cannabichromenic Acid (CBCA)</td><td>0.126</td><td>0.287</td><td>ND</td><td>ND</td><td></td></loq<></loq<>	Cannabichromenic Acid (CBCA)	0.126	0.287	ND	ND	
Cannabidivarin (CBDV) 0.081 0.195 <loq< th=""> <loq< th=""> 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 Total Cannabinoids 17.585 25.13 Total Potential THC ND ND ND</loq<></loq<>	Cannabidiol (CBD)	0.342	0.823	17.585	25.13 Weight=0.7g	
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 Total Cannabinoids 17.585 25.13 Total Potential THC ND ND	Cannabidiolic Acid (CBDA)	0.351	0.844	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 Total Cannabinoids 17.585 25.13 Total Potential THC ND ND ND	Cannabidivarin (CBDV)	0.081	0.195	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
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 Total Cannabinoids 17.585 25.13 Total Potential THC ND ND ND	Cannabidivarinic Acid (CBDVA)	0.147	0.352	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 Total Cannabinoids 17.585 25.13 Total Potential THC ND ND ND	Cannabigerol (CBG)	0.079	0.178	ND	ND	
Cannabinolic Acid (CBNA) Delta 8-Tetrahydrocannabinol (Delta 8-THC) Delta 9-Tetrahydrocannabinol (Delta 9-THC) Delta 9-Tetrahydrocannabinolic Acid (THCA-A) Delta 9-Tetrahydrocannabinolic Acid (THCA-A) Tetrahydrocannabivarin (THCV) Tetrahydrocannabivarinic Acid (THCVA) Tetrahydrocannabivarinic Acid (THCVA) Total Cannabinoids 17.585 25.13 Total Potential THC	Cannabigerolic Acid (CBGA)	0.328	0.746	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC) Delta 9-Tetrahydrocannabinol (Delta 9-THC) Delta 9-Tetrahydrocannabinolic Acid (THCA-A) Delta 9-Tetrahydrocannabinolic Acid (THCA-A) Delta 9-Tetrahydrocannabinolic Acid (THCA-A) Tetrahydrocannabivarin (THCV) Tetrahydrocannabivarinic Acid (THCVA) Delta 9-Tetrahydrocannabinolic Acid (THCA-A) Delta 9-Tetrahydrocannabinolic Acid (THCVA) Delta 9-Tetrahydrocanna	Cannabinol (CBN)	0.102	0.233	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)0.0320.073NDNDDelta 9-Tetrahydrocannabinolic Acid (THCA-A)0.0290.065NDNDTetrahydrocannabivarin (THCV)0.0710.162NDNDTetrahydrocannabivarinic Acid (THCVA)0.2780.630NDNDTotal Cannabinoids17.58525.13Total Potential THCNDNDND	Cannabinolic Acid (CBNA)	0.224	0.509	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)0.0290.065NDNDTetrahydrocannabivarin (THCV)0.0710.162NDNDTetrahydrocannabivarinic Acid (THCVA)0.2780.630NDNDTotal Cannabinoids17.58525.13Total Potential THCNDND	Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.391	0.888	ND	ND	
Tetrahydrocannabivarin (THCV) 0.071 0.162 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.278 0.630 ND ND Total Cannabinoids 17.585 25.13 Total Potential THC ND ND	Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.032	0.073	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)0.2780.630NDNDTotal Cannabinoids17.58525.13Total Potential THCNDND	Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.029	0.065	ND	ND	
Total Cannabinoids17.58525.13Total Potential THCNDND	Tetrahydrocannabivarin (THCV)	0.071	0.162	ND	ND	
Total Potential THC ND ND	Tetrahydrocannabivarinic Acid (THCVA)	0.278	0.630	ND	ND	
	Total Cannabinoids			17.585	25.13	•
Total Potential CBD 17.585 25.13	Total Potential THC			ND	ND	
	Total Potential CBD			17.585	25.13	

Final Approval

Wintersheimer PREPARED BY / DATE

Karen Winternheimer 29Aug2023 11:29:00 AM MDT

APPROVED BY / DATE

Sam Smith 29Aug2023 11:34:00 AM MDT



https://results.botanacor.com/api/v1/coas/uuid/b7d29cef-5f42-4e23-bf18-e93b60f5dc5b

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-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 Accredited by A2LA.







Cert #4329.02 b7d29cef5f424e23bf18e93b60f5dc5b.1