

CERTIFICATE OF ANALYSIS

Prepared for:

Health and Wellness Botanicals

177225 N 57th Ave. Glendale, AZ USA 85308

1oz 300mg CBD Pet Tincture

Batch ID or Lot Number:	Test:	Reported:	USDA License:		
#SL6492	Potency	24May2022	N/A		
Matrix:	Test ID:	Started:	Sampler ID:		
Solution	T000207425	23May2022	N/A		
	Method(s):	Received:	Status:		
	TM14 (HPLC-DAD)	19May2022	N/A		

CannabinoidS LOD (mg/mL) LOQ (mg/mL) (mg/mL) Result (mg/m) Notes Cannabichromene (CBC) 0.052 0.181 ND ND Persity = 1 Cannabichromenic Acid (CBCA) 0.048 0.166 ND ND ND Cannabidioli (CBD) 0.157 0.499 11.150 11.20 Cannabidiolic Acid (CBDA) 0.162 0.511 ND ND Cannabidivarin (CBDV) 0.037 0.118 0.050 0.10 Cannabidivarinic Acid (CBDVA) 0.067 0.213 ND ND Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 9-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND		Result					
Cannabichromenic Acid (CBCA) 0.048 0.166 ND ND Cannabidiol (CBD) 0.157 0.499 11.150 11.20 Cannabidiolic Acid (CBDA) 0.162 0.511 ND ND Cannabidivarin (CBDV) 0.037 0.118 0.050 0.10 Cannabidivarinic Acid (CBDVA) 0.067 0.213 ND ND Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA)	Cannabinoids	LOD (mg/mL)	LOQ (mg/mL)	(mg/mL)	Result (mg/g)	Notes	
Cannabidiol (CBD) 0.157 0.499 11.150 11.20 Cannabidiolic Acid (CBDA) 0.162 0.511 ND ND Cannabidivarin (CBDV) 0.037 0.118 0.050 0.10 Cannabidivarinic Acid (CBDVA) 0.067 0.213 ND ND Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinoli (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260 11.26	Cannabichromene (CBC)	0.052	0.181	ND	ND	Density = 1g/ml	
Cannabidiolic Acid (CBDA) 0.162 0.511 ND ND Cannabidivarin (CBDV) 0.037 0.118 0.050 0.10 Cannabidivarinic Acid (CBDVA) 0.067 0.213 ND ND Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Total Cannabinoids 11.260 11.26	Cannabichromenic Acid (CBCA)	0.048	0.166	ND	ND		
Cannabidivarin (CBDV) 0.037 0.118 0.050 0.10 Cannabidivarinic Acid (CBDVA) 0.067 0.213 ND ND Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinoli (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260 11.260 11.26	Cannabidiol (CBD)	0.157	0.499	11.150	11.20		
Cannabidivarinic Acid (CBDVA) 0.067 0.213 ND ND Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260 11.26	Cannabidiolic Acid (CBDA)	0.162	0.511	ND	ND		
Cannabigerol (CBG) 0.030 0.103 0.060 0.10 Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260 11.260 11.26	Cannabidivarin (CBDV)	0.037	0.118	0.050	0.10		
Cannabigerolic Acid (CBGA) 0.124 0.431 ND ND Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260 11.26 11.26	Cannabidivarinic Acid (CBDVA)	0.067	0.213	ND	ND		
Cannabinol (CBN) 0.039 0.134 ND ND Cannabinolic Acid (CBNA) 0.084 0.294 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.147 0.513 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.134 0.466 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND Tetrahydrocannabivarin (THCV) 0.027 0.094 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260 11.26	Cannabigerol (CBG)	0.030	0.103	0.060	0.10		
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) Total Cannabinoids 0.084 0.294 ND ND ND ND ND ND Tetrahydrocannabinolic Acid (THCA-A) 0.119 0.413 ND ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.105 0.364 ND ND Total Cannabinoids 11.260	Cannabigerolic Acid (CBGA)	0.124	0.431	ND	ND		
Delta 8-Tetrahydrocannabinol (Delta 8-THC)0.1470.513NDNDDelta 9-Tetrahydrocannabinol (Delta 9-THC)0.1340.466NDNDDelta 9-Tetrahydrocannabinolic Acid (THCA-A)0.1190.413NDNDTetrahydrocannabivarin (THCV)0.0270.094NDNDTetrahydrocannabivarinic Acid (THCVA)0.1050.364NDNDTotal Cannabinoids11.26011.26	Cannabinol (CBN)	0.039	0.134	ND	ND		
Delta 9-Tetrahydrocannabinol (Delta 9-THC)0.1340.466NDNDDelta 9-Tetrahydrocannabinolic Acid (THCA-A)0.1190.413NDNDTetrahydrocannabivarin (THCV)0.0270.094NDNDTetrahydrocannabivarinic Acid (THCVA)0.1050.364NDNDTotal Cannabinoids11.26011.26	Cannabinolic Acid (CBNA)	0.084	0.294	ND	ND		
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)0.1190.413NDNDTetrahydrocannabivarin (THCV)0.0270.094NDNDTetrahydrocannabivarinic Acid (THCVA)0.1050.364NDNDTotal Cannabinoids11.26011.26	Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.147	0.513	ND	ND		
Tetrahydrocannabivarin (THCV)0.0270.094NDNDTetrahydrocannabivarinic Acid (THCVA)0.1050.364NDNDTotal Cannabinoids11.26011.26	Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.134	0.466	ND	ND		
Tetrahydrocannabivarinic Acid (THCVA)0.1050.364NDNDTotal Cannabinoids11.26011.26	Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.119	0.413	ND	ND		
Total Cannabinoids 11.260 11.26	Tetrahydrocannabivarin (THCV)	0.027	0.094	ND	ND		
	Tetrahydrocannabivarinic Acid (THCVA)	0.105	0.364	ND	ND		
Total Potential THC ND ND	Total Cannabinoids			11.260	11.26	•	
	Total Potential THC			ND	ND		
Total Potential CBD 11.150 11.15	Total Potential CBD			11.150	11.15		

Final Approval

Ryan Weems 25May2022

PREPARED BY / DATE

08:15:00 PM MDT

APPROVED BY / DATE

Daniel Weidensaul 25May2022 08:19:00 PM MDT



https://results.botanacor.com/api/v1/coas/uuid/9f7e6b5c-de0f-4990-ba18-af2aa4a7340e

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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.







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