

## CERTIFICATE OF ANALYSIS

Prepared for:

## **CANINE BIO DYNAMIC**

2001 CASA GRANDE DRIVE AUSTIN, TX USA 78733

## **Feline Veterinary Hemp Extract**

Batch ID or Lot Number: <b>106</b>	Test: <b>Potency</b>	Reported: <b>25Jul2023</b>	USDA License: N/A		
Matrix: Concentrate	Test ID: T000249417	Started: 24Jul2023	Sampler ID: N/A		
	Method(s): TM14 (HPLC-DAD)	Received: 21Jul2023	Status: N/A		

Cannabichromenic Acid (CBCA)         0.005         0.015         ND         ND           Cannabidiol (CBD)         0.015         0.042         2.080         20.80           Cannabidiolic Acid (CBDA)         0.016         0.043         ND         ND           Cannabidivarin (CBDV)         0.004         0.010 <loq< td=""> <loq< td="">           Cannabidivarinic Acid (CBDVA)         0.007         0.018         ND         ND           Cannabigerol (CBG)         0.003         0.010         0.050         0.50           Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta Cannabinoids         0.01</loq<></loq<>	Cannabinoids	<b>LOD</b> (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)         0.015         0.042         2.080         20.80           Cannabidiolic Acid (CBDA)         0.016         0.043         ND         ND           Cannabidivarin (CBDV)         0.004         0.010 <loq< td=""> <loq< td="">           Cannabidivarinic Acid (CBDVA)         0.007         0.018         ND         ND           Cannabigerol (CBG)         0.003         0.010         0.050         0.50           Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta Potential THC</loq<></loq<>	Cannabichromene (CBC)	0.005	0.017	0.100	1.00
Cannabidiolic Acid (CBDA)         0.016         0.043         ND         ND           Cannabidivarin (CBDV)         0.004         0.010 <loq< td=""> <loq< td="">           Cannabidivarinic Acid (CBDVA)         0.007         0.018         ND         ND           Cannabigerol (CBG)         0.003         0.010         0.050         0.50           Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta Potential THC         0.010         0.034         ND         ND</loq<></loq<>	Cannabichromenic Acid (CBCA)	0.005	0.015	ND	ND
Cannabidivarin (CBDV)         0.004         0.010 <loq< th=""> <loq< th="">           Cannabidivarinic Acid (CBDVA)         0.007         0.018         ND         ND           Cannabigerol (CBG)         0.003         0.010         0.050         0.50           Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta Potential THC         0.010         0.034         ND         ND           Otal Potential THC</loq<></loq<>	Cannabidiol (CBD)	0.015	0.042	2.080	20.80
Cannabidivarinic Acid (CBDVA)         0.007         0.018         ND         ND           Cannabigerol (CBG)         0.003         0.010         0.050         0.50           Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta Potential THC         0.010         0.034         ND         ND           Total Cannabinoids         2.320         23.20           Ootal Potential THC         0.070         0.70	Cannabidiolic Acid (CBDA)	0.016	0.043	ND	ND
Cannabigerol (CBG)         0.003         0.010         0.050         0.50           Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarinic Acid (THCVA)         0.010         0.034	Cannabidivarin (CBDV)	0.004	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabigerolic Acid (CBGA)         0.012         0.040         ND         ND           Cannabigerolic Acid (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarinic Acid (THCVA)         0.010         0.034         ND         ND           Delta 9-Tetrahydrocannabivarinic Acid (THCVA)         0.010         0.034         ND         ND           Total Cannabinoids         2.320         23.20           Total Potential THC         0.070         0.70	Cannabidivarinic Acid (CBDVA)	0.007	0.018	ND	ND
Cannabinol (CBN)         0.004         0.012         0.020         0.20           Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Detrahydrocannabivarinic Acid (THCVA)         0.010         0.034         ND         ND           Total Cannabinoids         2.320         23.20           Total Potential THC         0.070         0.70	Cannabigerol (CBG)	0.003	0.010	0.050	0.50
Cannabinolic Acid (CBNA)         0.008         0.027         ND         ND           Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Detrahydrocannabivarinic Acid (THCVA)         0.010         0.034         ND         ND           Total Cannabinoids         2.320         23.20           Total Potential THC         0.070         0.70	Cannabigerolic Acid (CBGA)	0.012	0.040	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8-THC)         0.014         0.048         ND         ND           Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.010         0.034         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.0010	Cannabinol (CBN)	0.004	0.012	0.020	0.20
Delta 9-Tetrahydrocannabinol (Delta 9-THC)         0.013         0.043         0.070         0.70           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.010         0.034         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND         ND           Delta 9-Tetrahydrocannabivarin (THCV)         0.00	Cannabinolic Acid (CBNA)	0.008	0.027	ND	ND
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)         0.011         0.038         ND         ND           Setrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Setrahydrocannabivarinic Acid (THCVA)         0.010         0.034         ND         ND           Sotal Cannabinoids         2.320         23.20           Sotal Potential THC         0.070         0.70	Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.014	0.048	ND	ND
Tetrahydrocannabivarin (THCV)         0.003         0.009         ND         ND           Setrahydrocannabivarinic Acid (THCVA)         0.010         0.034         ND         ND           Sotal Cannabinoids         2.320         23.20           Sotal Potential THC         0.070         0.70	Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.013	0.043	0.070	0.70
Tetrahydrocannabivarinic Acid (THCVA) 0.010 0.034 ND ND Total Cannabinoids 2.320 23.20 Total Potential THC 0.070 0.70	Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.011	0.038	ND	ND
Otal Cannabinoids2.32023.20Total Potential THC0.0700.70	Tetrahydrocannabivarin (THCV)	0.003	0.009	ND	ND
otal Potential THC 0.070 0.70	Tetrahydrocannabivarinic Acid (THCVA)	0.010	0.034	ND	ND
	Total Cannabinoids			2.320	23.20
otal Potential CBD 2.080 20.80	Total Potential THC			0.070	0.70
	Total Potential CBD			2.080	20.80

**Final Approval** 

PREPARED BY / DATE

Sam Smith 25Jul2023 12:12:00 PM MDT

Karen Winternheimer 25Jul2023 12:16:00 PM MDT



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/acdf4b54-34a0-4337-9ec8-cc2016061835

## **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 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.







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