botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

060722-Feline 500mg Catnip- EG107120A

VetCS

Batch ID or Lot Number:	Test:	Reported:	Location:
103365	**Microbial Contaminants**	**6/13/22**	6834 S University Blvd #225 Centennial, CO 80122

Matrix:	Test ID:	Started:	USDA License:
Finished Product	T000209604	6/8/22	N/A

Status:	Methods:	Received:	Sampler ID:
Active	TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	06/07/2022 @ 12:57 PM	N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	QUANTITATION RANGE	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	2.0x10^3 - 3.0x10^5 CFU/g	None Detected
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	None Detected
STEC	TM-25, PCR	10^0 CFU/25 g	N/A	Absent
Salmonella	TM-25, PCR	10^0 CFU/25 g	N/A	Absent

Notes

Free from visual mold, mildew, and foreign matter

Brett Hudson
6/11/2022
1:07:00 PM

PREPARED BY / DATE

Eden Thompson-Wright
6/13/2022
9:16:00 AM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation
CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*
* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:
10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

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.

CDPHE Certified

Certificate #4329.02

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6834 S University Blvd #225
Centennial, CO USA 80122

060722-Feline 500mg Catnip- EG107120A

Batch ID or Lot Number:	Test:	Reported:	USDA License:
103365	**Potency**	**09Jun2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000209603	08Jun2022	N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 07Jun2022	Status: Active

Cannabinoids

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.006	0.021	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabidiol (CBD)	0.019	0.053	5.182	51.82	
Cannabidiolic Acid (CBDA)	0.019	0.055	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	<LOQ	0.08	
Cannabidivarinic Acid (CBDVA)	0.008	0.023	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.015	0.050	ND	ND	
Cannabinol (CBN)	0.005	0.015	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.034	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.018	0.059	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.016	0.054	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.014	0.048	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.042	ND	ND	
Total Cannabinoids			**5.190**	**51.90**	
Total Potential THC			ND	ND	
Total Potential CBD			5.182	51.82	

Final Approval

Kayla Phye
09Jun2022
12:48:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer
09Jun2022
01:08:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/4df554d4-b4f1-424d-baa4-eaa5832c17ef

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)).

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6834 S University Blvd #225
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060722-Feline 500mg Catnip- EG107120A

Batch ID or Lot Number:	Test:	Reported:	USDA License:
103365	**Residual Solvents**	**10Jun2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000209605	09Jun2022	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	07Jun2022	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	82 - 1644	ND	
Butanes (Isobutane, n-Butane)	166 - 3314	ND	
Methanol	63 - 1261	ND	
Pentane	97 - 1941	ND	
Ethanol	90 - 1806	ND	
Acetone	93 - 1857	ND	
Isopropyl Alcohol	92 - 1841	ND	
Hexane	6 - 120	ND	
Ethyl Acetate	95 - 1894	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	103 - 2060	ND	
Toluene	16 - 327	ND	
Xylenes (m,p,o-Xylenes)	121 - 2412	ND	

Final Approval

Karen Winternheimer
10Jun2022
09:54:00 AM MDT

PREPARED BY / DATE

Ryan Weems
10Jun2022
09:56:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/f5b4c6c4-bcda-441c-88c5-a886281b9d3b

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

Cert #4329.02

Certified Test Laboratory

CDPHE Certified

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