DANU

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Dog Chews
PRODUCT STRENGTH: 2 mg / chew
BATCH: 21333A
BEST BY DATE: 12/2023
Bulk LOT: 3004363

Click on the links to view third-party reports

Physical Atttributes

Test	Method	Specification	Results
Color	Internal	Brown	PASS
Odor	Internal	Beef and grains, with some yeast	PASS
Appearance	Internal	Squat cylindrical dog treats a plastic amber container	PASS
Primary Package Eval.	Internal	Container clean and free of filth. Container caps tight and pressure seal is intact.	PASS
Secondary Package Eval.	Internal	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	HPLC-UV DAD	LOQ*: ≥ 2 mg / chew	**2.6 mg**	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.01% (broad spectrum)	**<0.01%**	PASS
Pesticide Panel	LCMS-MS	Not Tested	**N/A**	N/A
Microbial Escherichia coli (STEC)	qPCR	Complies with USP 61/62	**Absent**	PASS
Microbial Salmonella	qPCR	Complies with USP 61/62	**Absent**	PASS
Microbial Yeast and Mold	Culture Plating	Complies with USP 61/62	**Below LOQ**	PASS
Microbial Total Coliforms	Culture Plating	Complies with USP 61/62	**Below LOQ**	PASS
Microbial Total Aerobic Count	Culture Plating	Complies with USP 61/62	**4.2 x 10^3**	PASS
Heavy Metals	ICP-MS	Arsenic (As): ≤1.5 ppm† Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	**Below LOQ**	PASS
Mycotoxins	LCMS-MS	Total Aflatoxins <20 ppb†† Afltoxin B1 < 20 ppb Ochratoxin < 20 ppb	**Below LOQ**	PASS
Residual Solvents	GC-MS	Not Tested	**N/A**	N/A

*Level of Quantification
† Parts Per Million †† Part Per Billion

Quality Certified Keegan Schlittler 12/13/2021
Keegan Schlittler
Quality Assurance Manager
Date

879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs
CODSC21-16/3004363
N/A
Matrix: Infused

Certificate of Analysis

Sample:DE11119027-003
Harvest/Lot ID: N/A
Batch#: N/A
Seed to Sale# 1A4000B00010D25000000881
Batch Date: N/A
Sample Size Received: 48 gram
Total Weight/Volume: N/A
Retail Product Size: N/A gram
Ordered : 11/18/21
sampled : 11/18/21
Completed: 11/27/21
Sampling Method: SOP-024

Nov 27, 2021

License # 405R-00011
815 Wooten Rd Suite 110
Colorado Springs, CO, 80915, US

PASSED

PRODUCT IMAGE



SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Homogeneity
	PASSED	PASSED	PASSED					

MISC.

Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.005%

Total CBD
0.063%

Total Cannabinoids
0.069%



Cannabinoid Profile Test

Analyzed by
1233

Weight
4 (g)

Extraction date :
11/22/21 15:11:01

Extracted By :
664

Analysis Method -SOP-020 (R15)
Reviewed On - 11/23/21 15:07:29
Batch Date : 11/22/21 10:45:53
Analytical Batch -DE002697POT
Instrument Used : Agilent 1100 "Falcor"
Running On : 11/22/21 19:00:41

Reagent	Dilution	Consums. ID	Consums. ID
101221.10	40	07051275	921C4-97340
111021.005		1119099	5070-5255-5255
112221.01		RG045	
102221.004		83KB3476J	
111221.005		29807605A	
112221.002		12211-108CC.108	

This report shall not be reproduced, except in its entirety, without written approval from Kaycha Labs. Results relate only to the items tested or sample(s) received. The uncertainty of measurement associated with the results are available upon request.

879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs

CODSC21-16/3004363

N/A

Matrix : Infused

Certificate of Analysis

PASSED

615 Wooten Rd Suite 110
Colorado Springs, CO, 80915, US
Telephone:
Email:
License #:

Sample : DE11119027-003
Harvest/LOT ID: N/A
Batch# :
Sampled :
Ordered :

Sample Size Received :
Total Weight/Volume : N/A
Completed : Expires:
Sample Method :

Microbials

PASSED

Analyte	LOD	Result
TOTAL YEAST AND MOLD		
SHIGA TOXIN-PRODUCING ESCHERICHIA COLI STEC		
SALMONELLA SPECIES		
TOTAL AEROBIC		
TOTAL COLIFORM		

Analysis Method :
Analytical Batch : Batch Date :
Instrument Used : Microbial - Cell Panel
Running On :

Analyzed by	Weight	Extraction date	Extracted By

Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID

Mycotoxins

PASSED

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2		ppb		
AFLATOXIN G1		ppb		
AFLATOXIN B2		ppb		
AFLATOXIN B1		ppb		
OCHRATOXIN A		ppb		
AFLATOXINS		ppb		

Analysis Method :
Analytical Batch : | Reviewed On :
Instrument Used : Sciex 6500 Qtrap - Mycotoxins
Running On :
Batch Date :

Analyzed by	Weight	Extraction date	Extracted By

Heavy Metals

PASSED

Reagent	Dilution	Consums. ID

Metal	LOD	Unit	Result	Action Level
ARSENIC		ppm		
CADMIUM		ppm		
MERCURY		ppm		
LEAD		ppm		

Analyzed by	Weight	Extraction date	Extracted By

Analysis Method :
Analytical Batch : | Reviewed On :
Instrument Used : Shimadzu 2020 ICP-MS
Running On :
Batch Date :

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

CHEW

Batch ID or Lot Number:	Test:	Reported:
21333A	**Microbial Contaminants**	**12/6/21**

Matrix:	Test ID:	Started:	USDA License:
Finished Product	T000180159	12/3/21	N/A

Status:	Methods:	Received:	Sampler ID:
N/A	TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	12/03/2021 @ 10:51 AM	N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	4.2x10^3 CFU/g
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent

Notes

Free from visual mold, mildew, and foreign matter

Brett Hudson
12/6/2021
3:54:00 PM
PREPARED BY / DATE

Carly Bader
12/6/2021
5:17:00 PM
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