



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Broad Spectrum Hemp Oil Dog Chews

**PRODUCT CODE:** K9-X-Y-Z-A

**LOT NUMBER:** CODSC21-15 (3004362)

**DATE OF MANUFACTURE:** 11Nov2021 **EXPIRATION DATE:** 11Nov2023

(DDMMYYYY)

(Expiration date is 24 months  
under sealed conditions.)

### INGREDIENTS:

Brewer's yeast, water, Beef Liver Powder, Glycerin, Natural Bacon Flavor, Flaxseed Oil, Organic Sweet Potato Powder, Gum Arabic, Microcrystalline Cellulose, Sunflower Lecithin, Salt, Citrus Pectin, Sodium Alginate, Sorbic Acid, Broad Spectrum Hemp Oil Water Soluble Powder (dextrin carrier), Sodium Propionate, Calcium Sulfate Dihydrate, Natural Mixed Tocopherols (Natural Preservative).

Parameter	Method <sup>1</sup>	Specification	Results
Appearance	QCU002	Soft Cylindrical Solid	Pass
Color		Brown	Pass
Cannabinoids		LOD (ppm)	Wt. (%) (mg/g)
CBD		2.8E-5	0.06 0.6
CBD-A		1.1E-5	ND ND
Δ9-THC		2.2E-5	ND ND
THC-A		1.0E-5	0.006 0.06
CBN		1.0E-6	ND ND
CBN-A		0.000910194	ND ND
CBG	(UHPLC-DAD)	0.00219044	ND ND
CBC		0.00286194	ND ND
CBC-A		0.00210199	ND ND
Δ8-THC		0.00268886	ND ND
CBDV		0.00265237	ND ND
CBDV-A		0.001	ND ND
THCV		0.00205806	ND ND
Potency – Total CBD		NLT 1.8mg/Chew	2.7 mg CBD/Chew
Total THC		0.0%	ND
Terpenes <sup>2</sup>	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Specification
Pesticides <sup>2</sup>	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification
Residual Solvents <sup>2</sup>	USP <467>	Refer to Oil Specification	Refer to Oil Specification
Elemental Impurities <sup>2</sup>	USP <2232>	Refer to Oil Specification	Refer to Oil Specification
Heavy Metals			
Arsenic	ICP-MS	<1.5 ppm	0.044
Cadmium		<0.5 ppm	0.033
Lead		<0.5 ppm	0.042
Mercury		<1.5 ppm	ND



Parameter	Method <sup>1</sup>	Specification	Results
<b>Microbial Limits</b>			
Total Aerobic Count	NSF/ANSI	$< 10^7$ cfu/g	2,300 cfu
Total Yeast & Mold	173	$< 10^5$ cfu/g	Not present in 1 gram
Enterobacteriaceae		$< 10^4$ cfu/g	0 cfu
E. coli		$< 10^2$ cfu/g	Not present in 1 gram
Salmonella		Not Detected in 10g	Not present in 1 gram
<b>Mycotoxins</b>			
Aflatoxin B1	LC-MS	$< 5$ ppb	ND
Total Aflatoxins (B1, B2, G1, G2)		$< 20$ ppb	0
Ochratoxin A		$< 5$ ppb	ND

Notes: <sup>1</sup> according to Folium Biosciences internal analytical methods, US Pharmacopeia or 3<sup>rd</sup> party contract laboratory method. <sup>2</sup> Testing performed on bulk oil.  
ND=Not Detected, LOQ=Limit of Quantification, LOD=Limit of Detection

Results conform to all specifications: Yes or No

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests to assure the suitability of this product for its application and to comply with all legal requirements for any goods into which this product is incorporated.

**Storage:** Room Temperature, Protect from Light

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Quality Control, Folium Biosciences