

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

(DDMMMYYYY)

(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, Gitrus 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	Method1	Specification	Results		
Appearance	QCU002	Soft Cylindrical Solid	Pass Pass		
Color		Brown			
Cannabinoids		LOD (ppm)	Wt. (%)	(mg/g)	
CBD		2.8E-5	0.06	0.6	
CBD-A		1.1E-5	ND	ND	
$\Delta 9$ -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-	0.00219044	ND	ND	
CBC	DAD)	0.00286194	ND	ND	
CBC-A		0.00210199	ND	ND	
$\Delta 8$ -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 C	2.7 mg CBD/Chew	
Total THC	-	0.0% NI			
Terpenes ²	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil	Refer to Oil Specification	
Pesticides ²	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification		
Residual Solvents ²	USP <467>	Refer to Oil Specification	Refer to Oil	Specification	
Elemental Impurities:2	USP <2232>	Refer to Oil Specification	Refer to Oil	Refer to Oil Specification	
Heavy Metals			Provident American American Anthonor (Anthonor (Anthonor (Anthonor (Anthonor (Anthonor (Anthonor (Anthonor (An	materials consists and employed the construction of the constructi	
Arsenic		<1.5 pp	2111	0.044	
Cadmium	ICP-MS	<0.5 pp	om	0.033	
Lead			<0.5 ppm 0.0 <1.5 ppm N		
Mercury		The state of the s			



Parameter		Method1	Specification	Results	
Microbial	Limits		response i sucre escolo i such reletante en en en en en en en such de la seria de la companya de la conserva e	то от на начиние от в то в на начине сърщи да на свет обще вобот ревот на се досто, не ревеняющих поско до уч	
	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	
	Enterobacteriacae		< 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	
Mycotoxi	ns	tricke flesh en socialism (neight i en slutt i 1980/1984 Carlibin Conjonérgee à de ganeen co	ente del confermo del encione e o consuminamento de su consultado e de su consultado e que su del descripto e su su del esta e su su consultado e de su consultado e de su consultado e de su su consultado e de su su consultado e de su consult	et en ven men volt die 8. Nie in die 30 Agenophinise des Contrat des envolves voltes de valge sin de vanuer s	
	Aflatoxin B1		<5 ppb	ND	
	Total Aflatoxins (B1, B2, G1, G2)	LC-MS	<20 ppb	0	
	Ochratoxin A		<5 ppb	ND	

Notes: [†]according to Volum Biosciences internal analytical methods, US Pharmacopeia or 3rd party contract laboratory method. ² Testing performed on bulk oil. ND=Not Detected, LOQ=1 imit of Quantification, LOD=1 imit 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

Prepared by: John Discussion Discussion Prepared by: John Discussion Discussi	Date: 07 Dec 2021
Reviewed by: WWW Muses Quality Control, Polium Biosciences	Date: DT Del 21