



**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** Broad Spectrum Hemp Oil Vegan Gummies (Natural))

**PRODUCT CODE:** VGN-GU-X-Y-Z-A-Natural

**LOT NUMBER:** FM10G03

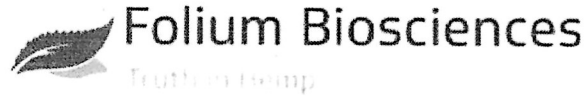
**DATE OF MANUFACTURE:** 13Sep2021  
(DDMMYYYY)

**EXPIRATION DATE:** 13Sep2023  
*(Expiration date is 24 months under sealed conditions.)*

**INGREDIENTS:** Tapioca Glucose Syrup, Sugar, Pectin, Sodium Citrate, Citric Acid, Broad Spectrum Hemp Oil from industrial hemp, Natural Flavors, Natural Colors, Malic Acid, Lactic Acid

Parameter	Method <sup>1</sup>	Specification		Results
Appearance	QC-SOP-0002	Molded gummy, Square shape,		Pass
<b>Cannabinoids</b>		<b>LOQ (%)</b>	<b>Wt. (%)</b>	<b>(mg/g)</b>
CBD	HPLC-DAD	0.161	0.347	3.47
CBD-A		0.165	ND	ND
Δ9-THC		0.014	ND	ND
THC-A		0.012	ND	ND
CBN		0.043	ND	ND
CBN-A		0.095	ND	ND
CBG		0.033	ND	ND
CBC		0.058	ND	ND
CBC-A		0.053	ND	ND
Δ8-THC		0.165	ND	ND
CBDV		0.038	ND	ND
CBDV-A		0.069	ND	ND
THCV		0.030	ND	ND
<b>Potency – Total CBD</b>			NLT 100% Label Claim for CBD (10mg/Gummy)	
<b>Total THC</b>		≤0.01%		ND
<b>Terpenes<sup>2</sup></b>	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Specification	
<b>Pesticides<sup>2</sup></b>	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification	
<b>Residual Solvents<sup>2</sup></b>	USP <467>	Refer to Oil Specification	Refer to Oil Specification	
<b>Heavy Metals<sup>3</sup>:</b>				ND
Arsenic	ICP-MS	< 1.5 ppm		ND
Cadmium		< 0.5 ppm		ND
Lead		< 0.5 ppm		ND
Mercury		< 1.5 ppm		ND
<b>Microbial Limits<sup>3</sup></b>				
Total aerobic plate count	USP	<10 <sup>4</sup> cfu/g		None Detected
Total yeast & mold	<2023>	<10 <sup>3</sup> cfu/g		None Detected
Total coliforms		<10 <sup>2</sup> cfu/g		None Detected
Shiga-toxin producing E. coli (STEC)		Absent in 25 g		Absent
Salmonella		Absent in 25 g		Absent

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.  
www.foliumbiosciences.com Phone: 719-574-2159 info@foliumbiosciences.com



Parameter	Method <sup>1</sup>	Specification	Results
<b>Mycotoxins<sup>3</sup></b>			
Aflatoxin B1	LC-MS	<5 ppb	ND
Total Aflatoxins (B1, B2, G1, G2)		<20 ppb	ND
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. ND=Not Detected. <sup>2</sup> Testing performed on bulk oil. <sup>3</sup>Specifications listed are set according with CDPH II, 6ccr 1010.21.*

The above certificate of analysis is based on Product Specification (QA-FRM3-0001 VGN-GU-X-Y-Z-A-Natural) Revision No: 1

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, Heat and Moisture

Prepared by: Joshua B. Besch Date: 29 Oct 2021  
Quality Control, Folium Biosciences

Reviewed by: Nathaniel Amos Date: 29 Oct 2021  
Quality Control, Folium Biosciences