

**CERTIFICATE OF ANALYSIS**

Company Name:	Biotics Research Corporation	Product Code(s):	VB1143
Product Name:	B12-2000 Lozenges EU		
Batch / Lot #	907014	Expiration Date:	28-AUG-21
Product Description:	Tablet, uncoated	Size /Form:	1/2" round
Appearance / Color:	Pink	Avg. Tablet Weight:	772 mg
Packaging:	White HDPE w/PS liner and safety neckband		

<u>Active Ingredient:</u>	<u>Each Lozenge contains:</u>		<u>Method</u>
	<u>Claim</u>	<u>Result</u>	
Vitamin B6	2 mg	3 mg	HPLC
Folate	400 mcg	400 mcg	input
Vitamin B12	2,000 mcg	2,000 mcg	input

<u>Disintegration:</u>	<u>Evaluations</u>	<u>Specifications</u>	<u>Results</u>
		<45 minutes	pass

<u>Heavy Metals<sup>(1)</sup>:</u>			
	Arsenic	< 0.14 µg/kg b.w./day	pass
	Cadmium	< 0.09 µg/kg b.w./day	pass
	Lead	< 0.14 µg/kg b.w./day	pass
	Total Mercury	< 0.29 µg/kg b.w./day	pass

<u>Microbiology<sup>(2)</sup>:</u>			
	Total Aerobic Microbial Count (TAMC)	NMT 3000 cfu/g	pass
	Total Combined Yeast and Mold Count	NMT 300 cfu/g	pass
	Escherichia coli	Negative	pass
	Listeria	Negative	pass
	Salmonella	Negative	pass
	Staphylococcus aureus	Negative	pass

<sup>(1)</sup> This calculation assumes a body weight of 70 kg for an average adult. If the dosage is intended for children, the appropriate body weight for the age of the child in the recommended use should be used.

<sup>(2)</sup> NHPD, Evidence for Quality of Finished Natural Health Products, (2007), Section 2.4.3, Appendix 2 and 4  
 Negative means not detected in 10 g or 10 mL for Salmonella spp. and not detected in 1 g or 1 mL for E. coli, Listeria and S. aureus. cfu refers to Colony Forming Units per gram.

<u>Appearance:</u>		
	Color	normal
	Thickness	normal
	Hardness	normal

**AUG 28 2019**

Manufactured Date

Prepared by/Date  8/28/19

QA Review by/Date  8/28/19