

**Certificate of Analysis**

Company Name:	Biotics Research Corporation	Product Code(s):	1410
Product Name:	Phosphatidylcholine		BFP 019; BFP 020
Batch / Lot #	912100	Expiration Date:	30-NOV-22
Product Description:	Soft gelatin capsule	Size /Form:	oblong
Appearance / Color:	Light amber	Avg. Capsule Weight:	1,382 mg
Packaging:	White HDPE w/PS liner and safety neckband		

	<u>Each Capsule contains*:</u>		
<u>Active Ingredient:</u>	<u>Claim</u>	<u>Result</u>	<u>Method</u>
Phosphatidylcholine	420 mg	pass	typical

\*as declared by manufacturer

	<u>Evaluations</u>	<u>Specifications</u>	<u>Results</u>
Identification:		Must Conform Must Conform	pass pass
Disintegration:		<45 minutes	pass
Residual Solvents:		ICH Q3C* (*ethanol 40,000ppm max)	pass
<u>Heavy Metals<sup>(1)</sup>:</u>			
	Arsenic	< 0.14 µ/kg b.w./day	pass
	Cadmium	< 0.09 µ/kg b.w./day	pass
	Lead	< 0.14 µ/kg b.w./day	pass
	Total Mercury	< 0.29 µ/kg b.w./day	pass


<u>Microbiology<sup>(2)</sup>:</u>		
Total Aerobic Microbial Count (TAMC)	NMT 10 <sup>5</sup> cfu/g	pass
Total Combined Yeast and Mold Count	NMT 10 <sup>3</sup> cfu/g	pass
Escherichia coli	Negative	pass
Listeria	Negative	pass
Salmonella	Negative	pass
Staphylococcus aureus	Negative	pass

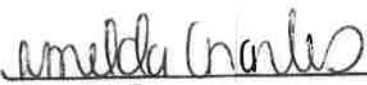
<sup>(1)</sup> This calculation assumes a body weight of 70 kg for an average adult. If the dosage is intended for children, the appropriate body weight for the age of the child in the recommended use should be used.

<sup>(2)</sup> USP <2023> 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, P. aeruginosa and S. aureus. cfu refers to Colony Forming Units per gram

Appearance:	Color	normal
	Fill volume	normal

NOV 30 2019  
Manufactured Date

  
Prepared by/Date 1/8/2020

  
QA Review by/Date 1/8/20