

Certificate of Analysis

Company Name:	Biotics Research Corporation	Product Code:	BFP 034; 1407
Product Name:	Optimal EFAs	Expiration Date:	06-FEB-23
Batch / Lot #	001075	Size / Form:	#20 oblong
Product Description:	Capsule		
Appearance/Color:	Light Golden Yellow		
Packaging:	White HDPE w/PS liner and safety neckband		

2 capsules contains:

<u>Active Ingredient:</u>	<u>Claim</u>	<u>Result</u>	<u>Method</u>
Proprietary Blend:	2 gm	2 gm	input
Flax Seed Oil			
Borage Oil			
Fish Oil			
Omega-3 Fatty Acids:			
ALA (Alpha-Linolenic acid)	380 mg	380 mg	input
EPA (Eicosapentaenoic acid)	205 mg	205 mg	input
DHA (Docosahexaenoic acid)	154 mg	154 mg	input
GLA (Gamma-Linolenic acid)	152 mg	152 mg	input
Oleic Acid	200 mg	200 mg	input

<u>Evaluations</u>	<u>Specifications</u>	<u>Results</u>
Identification:	Must Conform	pass
Disintegration:	<30 minutes	pass
Residual Solvents:	ICH Q3C	pass
Peroxide Value (PV)	<5 meq/kg	pass
Anisidine Value (AV)	< 20	pass
TOTOX	<26	pass

<u>Heavy Metals⁽¹⁾:</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⁽²⁾:</u>			
Total Aerobic Microbial Count (TAMC)	NMT 10 ⁵ cfu/g	pass	
Total Combined Yeast and Mold Count	NMT 10 ³ cfu/g	pass	
Escherichia coli	Negative	pass	
Listeria	Negative	pass	
Salmonella	Negative	pass	
Staphylococcus aureus	Negative	pass	

⁽¹⁾ 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.

⁽²⁾ 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.

Appearance:	Color	normal
	Fill volume	normal

FEB 06 2020

Manufactured Date



Prepared by/Date



QA Review by/Date