

CERTIFICATE OF ANALYSIS

Company Name:	Biotics Research Corporation	Product Code(s):	1427
Product Name:	Blackcurrant Seed Oil	Expiration Date:	31-Aug-22
Batch / Lot #	002011	Size /Form:	#8 oblong
Product Description:	Soft gelatin capsule	Avg. Capsule Weight:	980 mg
Appearance / Color:	Golden yellow		
Packaging:	White HDPE w/PS liner and safety neckband		

	<u>Each Capsule contains*:</u>	<u>Claim</u>	<u>Result</u>	<u>Method</u>
<u>Active Ingredient:</u>	Blackcurrant Seed Oil	535 mg	pass	typical

*as declared by manufacturer

<u>Evaluations</u>	<u>Specifications</u>	<u>Results</u>
Identification:	Must Conform	pass
	Must Conform	pass
Disintegration:	<30 minutes	pass
Residual Solvents:	ICH Q3C	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⁾ 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, Listeria and S. aureus. cfu refers to Colony Forming Units per gram

Appearance:	Color	normal
	Fill volume	normal

AUG 31 2019

Manufactured Date

Brenda Buehler 2-12-20

Prepared by/Date

m. o. s. 2/12/20

QA Review by/Date