

## Certificate of Analysis

**PRODUCT NAME:** BioMarine®1140—FSMP  
 (Food for Special Medical Purpose)  
**PRODUCT:** Shark Liver Oil, Minimally Processed – 1140mg (blister cards)--  
 from Shark Liver Oil derived from Deep Water Sharks harvested  
 in the Tasman Sea and waters surrounding New Zealand  
**PRODUCT NO.:** MNSG-156  
**BATCH NO:** 1701020  
**DATE OF MANUFACTURE:** Jan., 2017  
**BEST BEFORE/RETEST BY:** Jan., 2020

General	Manufacturing Specification	Results	Method
Pharmaceutical Form	Clear, Soft Gelatin Capsule Containing a Light Golden Oil	Conforms	Observation
Size and Shape	20 Oblong	Conforms*	Observation
Average Fill Weight	1140 mg +/- 5%	1099 mg	USP
Disintegration/Rupture time	Max. 15 Minutes	<10 min.	P. Eur/USP<2040>
Microbiological Standard	Manufacturing Specification	Results	Method
Total Plate Count	Max. 3,000 CFU/g	<10 CFU/g	Ph. Eur/USP
Total Yeast & Mold Count	Max. 300 CFU/g	<10 CFU/g	Ph. Eur/USP
<i>Staphylococcus aureus</i>	Negative/10g	Negative/g	Ph. Eur/USP
<i>E. coli</i>	Negative/10g	Negative/g	Ph. Eur/USP
<i>Salmonella</i>	Negative/10g	Negative/g	Ph. Eur/USP

Ingredients	Manufacturing Specification	Results	Method
Shark Liver Oil	1140 mg	Conforms	Input
providing:			
Alkylglycerols	240 mg	245 mg	Input
from DAGE	610 mg	624 mg	Input
Squalene	240 mg	266 mg	Input

\*Based on fill weight and shape.  
 Shell ingredients: Gelatin, glycerin and purified water.



Caroline Lease, Quality  
 Jan 26, 2017