



Certificate of Analysis

PRODUCT NAME: BioMarine®570 – FSMP
 (Food for Special Medical Purpose)
PRODUCT: Shark Liver Oil, Minimally Processed – 570mg
 from Shark Liver Oil derived from Deep Water Sharks
 harvested in the Tasmanian Sea and surrounding ocean waters
PRODUCT NO.: MNSG-151 - Blister Cards
BATCH NO: 1511020 11/2018
MANUFACTURED: November 2015
EXP. DATE: November 2018
BEST BEFORE/RETEST BY: Three Years

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	570 mg +/-5%	567.6 mg	USP <2091>
Disintegration/Rupture time	Max. 15 Minutes	Conforms	USP<2040>
Microbiological Standard	Manufacturing Specification	Results	Method
Total Plate Count	Max. 3000 cfu/g	<10 CFU/g	USP <2021> or Soleris
Yeast & Mold Count	Max. 300 cfu/g	<10 CFU/g	USP <2021> or Soleris
<i>S. aureus</i>	Negative/10g	Not detected	USP <2021> or Soleris
<i>E. coli</i>	Negative/10g	Not detected	USP <2021> or Soleris
<i>Salmonella</i>	Negative/10g	Not detected	USP <2022>
Ingredients	Manufacturing Specification	Results	Method
Shark Liver Oil	570 +/- 5%	567.6 mg	TLC/FID
Alkylglycerols	120 mg	125 mg	TLC/FID
from DAGE	305 mg	338 mg	TLC/FID
Squalene	120 mg	135 mg	TLC/FID
Shell Ingredients	Gelatin, Glycerin & Purified Water	Conforms	Input
Shell Hardness	Regular	Conforms	Input

Caroline Lease, Quality
 Jan 26, 2016