

AS 5380:2023



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Squalene and shark liver oil



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National Association of Testing Authorities (NATA)
South East Trawl Fishing Industry Association (SETFIA)
University of Tasmania
University of Western Sydney

Additional Interests

Ocean Oils Pty Limited
Vernx Pty Limited

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Preface

This Standard was prepared by the Standards Australia Committee CS-119, Squalene and Shark Liver Oil.

The objective of this document is to specify requirements for sustainable sourcing and testing and analysis of squalene and shark liver oil quality. It also provides requirements for packaging and labelling of consumer products containing these oils, especially when accompanied by claims of provenance.

Australian Standards are voluntary. They do not include contractual, legal or statutory requirements. This document does not replace the provisions of the Australian Fisheries Management Authority, Australia New Zealand Food Standards Code, Therapeutic Goods Administration or applicable Commonwealth, State and Territory laws and regulations.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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Introduction

This document applies to squalene and diacyl glyceryl ethers (DAGE) and the DAGE constituent 1-*O*-alkoxyglycerol or alkylglycerol (AKG) derived from the liver oils of certain species of deep-water shark more correctly termed dogfish (members of the shark family). Triacylglycerols (TAG) are also present in the shark liver oil.

Squalene is the purified distillate product from shark liver oil, ≥ 99.85 % active ingredient.

Squalene and shark liver oil are natural products typically used in food, complementary medicines, oral health food supplements and dermal products. Squalene can also be used in vaccines and drug delivery.

NOTES