

CERTIFICATE OF ANALYSIS

Product Name: **O3mega20 NZ Hoki Oil**
Species: *Macruronus novaezelandiae*
Batch Number: 103291-T5
Production Date: 02 August 2023
Best Before: 02 August 2025
Country of Manufacture: New Zealand
Country of Origin: New Zealand

Analytical: Description	Specification	Result	Method of Analysis
Appearance	Opaque semi-solid oil	Complies	Visual assessment
Odour	Bland	Complies	Sensory assessment
Colour	Yellow – gold	Complies	Visual assessment

Fatty Acid Profile (Expressed as percentage of methyl ester area)

DHA (Docosahexaenoic acid)	NLT. 10%	13.1	AOAC 991.39, AOAC 963.22
EPA (Eicosapentaenoic acid)	NLT. 5%	6.02	AOAC 991.39, AOAC 963.22
Total Omega-3	NLT. 19%	21.9	AOAC 991.39, AOAC 963.22

Physical and Chemical

Acid value (mgKOH/g)	<0.5	0.16	AOCS Cd 3d-63
Peroxide value (mEq/kg)	<1.0	0.0	AOCS Cd 8b-90
<i>p</i> -Anisidine value	<6.0	1.06	IUPAC 2.D.26
Gardner colour	<6.0	4	AOCS Td 1a-64
Moisture (%)	<0.1	0.02	Karl Fischer Titration

NLT = Not less than, < = Less than

Eligibility	Facilities listed by the European Union, US and Canada. Product eligible for the EU. MSC-C-55127.
Packaging	200kg food grade drums
Additives	The head space of all containers is flooded with N ₂ . Tocomix 70 R Non-GMO mixed tocopherols (rapeseed oil derived) added at 0.5% as per customer requirements.
Shelf life	Expiry 24 months from date of manufacture in original container.
Storage	Keep free from light and oxygen. Store below 25°C. Once opened, use promptly.
Allergen Statement	Contains fish. May contain crustacea.

Prepared by:



Zane Smith
Supply Chain Manager

Authorised by:



Nevin Amos
Chief Operating Officer

Date of Issue:

10 August 2023