



Ref: CTO 2013 097

Krill Powder and Oil: Clearance under fismaric.all

**CTO direction to biosecurity inspectors for the clearance of powdered krill and krill oil.**

Pursuant to section 27(1)(d)(iii) of the Biosecurity Act 1993 I, Lou Gallagher, Senior Advisor, Ministry for Primary Industries (under delegated authority), give the following directions for krill powder and oil to be given clearance in accordance with the following measures, different from Clause 7.2.3ia in the applicable import health standard for Fish Food and Fish Bait from All Countries, fisfooc.all:

Krill has been treated at 85°C for at least 15 minutes and is accompanied by a dated manufacturer's declaration stating treatment conditions

The reason for giving clearance is that while a heat treatment of 85°C for at least 15 minutes may not be sufficient treatment to achieve a 4 log reduction of the organism *Renibacterium salmoninarum* in fish meal and fish oil, this organism does not exist in krill. The manufacturing process for krill powder and oil including inactivation time and temperature of 85°C for at least 15 minutes is considered sufficient treatment to remove potential risk organisms from these products.

This direction takes effect from the date of signing and continues in effect until amended or revoked.

Signed at Wellington this sixteenth day of December, 2013