

Quality Assurance

Skretting is a part of the Nutreco Group and is the largest Australian producer of aquaculture feed. We take great pride in creating products that allow our customers to produce the healthiest and best quality fish. We operate a policy of full transparency, which means that our customers and their customers are welcome to visit us and audit our quality system.

Statements of compliance with customers' own quality assurance schemes are available on application to Matthew Bransden (e-mail matthew.bransden@nutreco.com)

Skretting operates a dedicated aquaculture feed plant in Cambridge, Tasmania that meets the highest quality standards and product is manufactured in accordance with:

- Full traceability requirements
- ISO 9001 Quality Management System Standards.
Audit standard: AS/NZS ISO 9001:2000
- Codex Alimentarius - Hazard & Critical Control Point (HACCP) System
- External auditing and certification surveillance is provided by SGS International Certification Services, a member of the SGS (Société Générale de Surveillance)
- Feedsafe - An industry QA program managed by Stock Feed Manufacturers Association of Australia (equivalent to GMP⁺)
- Requirements of the Australian National Registration Authority (NRA) for agriculture commodities



Composition of aquaculture feeds

The following list gives the ingredients (in alphabetic order) available for use by Skretting in Australia for the manufacture of aquaculture feeds. Please contact us for product specific datasheets for the diets you use.

- antioxidants
- attractants
- beta-glucan
- betaine
- crystalline amino acids
- feather meal
- fish meal
- fish oil
- humectants
- lupin dehulled meal
- maize gluten meal
- mould and microbe inhibitors
- nucleotides
- organic selenium complex
- potato starch meal
- poultry meal
- poultry oil
- shrimp meal
- sodium chloride
- soya bean meal
- soya derivatives
- whole wheat/flour
- wheat gluten meal
- wheat starch meal
- vegetable oil
- vitamin/mineral/pigment premixes

1. Our supplies of fish meals and fish oils for aquaculture feeds derive from fish stocks which are properly monitored and controlled by the country of origin according to independent scientific advice to prevent over-exploitation. All our purchase contracts for fish meals and oils comply with the current EU legal limits for dioxins. Fish meal and fish oil used in our aquaculture feeds are not derived from salmon or trout.
2. Our supplies of poultry products derive from abattoirs that are either AQIS export accredited or independently quality certified and can demonstrate to us that they have appropriate controls in place. They are a sustainable by product of poultry reared for human use and are treated according to strict processing parameters that maintain the integrity of the products. The use of these raw materials significantly enhances the nutritional balance delivered to the fish.



GM Status of aquaculture feeds

Since January 2000 Skretting in Australia has maintained a “GMO DNA-free” status, according to the definitions of Australian regulations maintained by Food Standards Australia New Zealand. Our maize gluten meal, soya bean meal and soya derivatives are purchased as non-GM with supplier certification by PCR (polymerase chain-reaction) testing. Our aquaculture feeds are defined as either “GMO DNA-free” or “non-GMO” in accordance to legislation within the following countries:

Country	Status	Compliance Date
Australia	GMO DNA-free	January 2000
Japan	Non-GMO	January 2000
Norway	Non-GMO	January 2000
European Union	Non-GMO	January 2000

Dioxin in aquaculture feeds

On 1st July 2002, the new maximum limits for dioxins in aquaculture feed, fish oil and fish meal came into force in the European Union. These limits are as follows:

- In finished (compound) fish feed, 2.25 ng TEQ*/kg feed
- In fish oil, 6.0 ng TEQ*/kg oil
- In fish meal, 1.25 ng TEQ*/kg meal

*Toxic Equivalent

Skretting in Australia maintains routine dioxin analysis through Nutreco-managed monitoring of dioxins and PCBs in finished feeds, fish meals and fish oils. Since routine confirmatory testing of our products began in May 2002, dioxins in our finished feed have been beneath the EU limit of 2.25 ng TEQ/kg and we are confident that this will be maintained in the future through the Nutreco-managed monitoring program of fish meals and fish oils.

Antibiotics and hormones in aquaculture feeds

We confirm that our aquaculture feeds do not contain antibiotics (unless specifically prescribed by a registered veterinarian for the purpose of treating sick fish) or hormones.

