

Next generation of Aquafeed additives with micro encapsulation technology



Introducing the next generation of phytogetic based solutions for aquaculture

Xtract for Aqua is a range of feed additives that uses microencapsulation technology to ensure its bioactive compounds are protected, standardized and evenly delivered in the animal's gastrointestinal tract. This product line results from a scientific program conducted over the course of 20 years and is one of the flagship solutions within the ADM aquaculture offer.

Global aquaculture challenges

- 1. Environmental stressors
- 2. Health stressors
- 3. Antimicrobial resistance (AMR)
- 4. Support animal natural defenses
- 5. Feed & food sustainability
- 6. Economic viability



The Xtract product line for aqua integrates sustainable and complementary solutions to address the challenges faced by global aquaculture.

François JEGOU, D.V.M.
Aquaculture Health and Performance

The benefits of using Xtract for Aqua

- Improves nutrient digestibility
- Supports gut function integrity and body defense responses
- Contributes to fish and shrimp resilience and optimizes performance
- Strengthens production and farm profitability

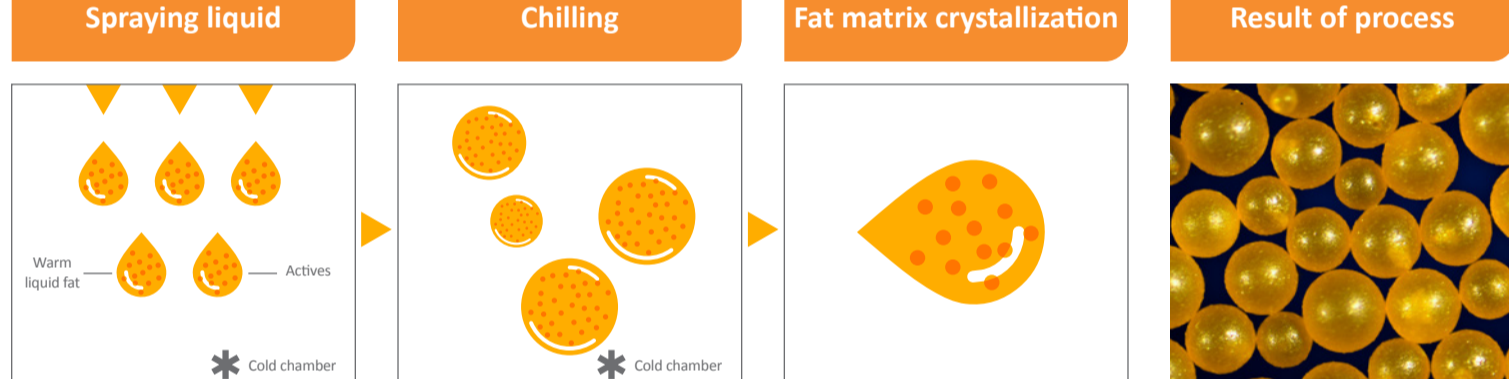
Know more on ADM aquaculture

Xtract for Aqua syncs premium quality phytogetic ingredients with proven consistent results around the world and the best technology for maximizing animal performance.



Célia Gomes da Silva
Global Product Specialist, Bioactives

About Micro Encapsulation



Qualities

- 1** Stable and uniform structure for optimized handling
- 2** Protects the Bioactive compounds
- 3** Facilitates even distribution of the bioactives in the animals gastrointestinal tract

Xtract for Aqua – Biotechnology and phytogetic ingredients in sync

The Nature inspired compounds within Xtract for Aqua



Cinnamon



Oregano



Capsicum spp.



Turmeric



Allium spp.

The right combination of ingredients

Standardized ingredients

Quality assurance

A source of unrivalled power

Safe for animals and environment

Sustainable sourcing

Bioactives inspired by plants and spices

Carefully selected by their science proven results

The Xtract portfolio for fishes and shrimps

Xtract 6930

With compounds found in Cinnamon, capsicum spp., oregano

Xtract Nature

Turmeric, capsicum spp.

Xtract Allium

Allium spp.

ADM Animal Nutrition and Aquaculture

ADM's goal is to support the health and performance of aquatic species by focusing specifically on sustainable solutions and practices that improve aquaculture production.

Xtract for aqua is part of the broad and comprehensive offer of ADM solutions for aquaculture.

Together with additives, premixes and complete feeds are carefully formulated to meet the requirements of multiple species at different sizes and physiological stages.

At ADM we are looking ahead with next generation solutions and services aimed at moving the industry forward towards a productive and sustainable future.

For more information about ADM Animal feed additives and Ingredients, visit:

www.adm.com/en-us/products-services/animal-nutrition/products/feed-additives-ingredients/

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