



TOxinfibre™

High technology from natural sources

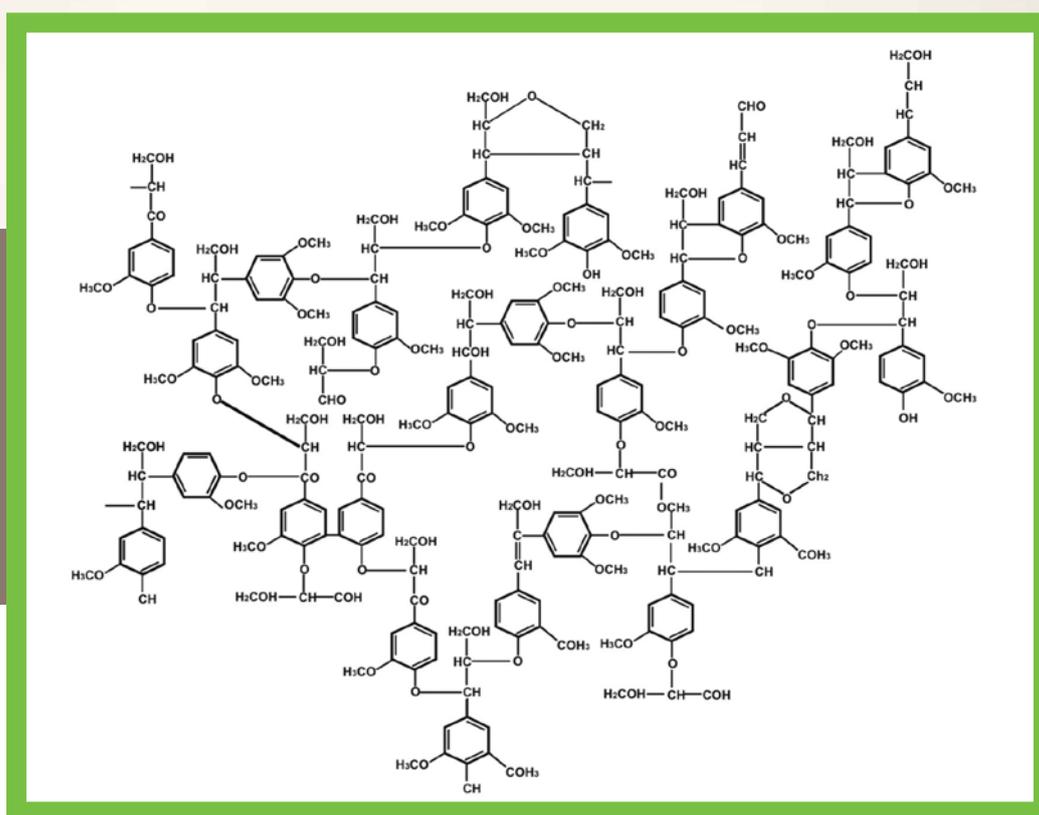
Milk, Meat and Fish/Aqua Improving quality by using phytoderivatives

Toxinfibre™ is a natural product consisting of essential oils and vegetal fibres. In particular, Toxinfibre™ can preserve foods; prevents moss and fungi from forming as well as binding mycotoxins in a nearly irreversible way, subsequently reducing presence of the same toxins in food of animal origin (an example is Aflatoxin M1 in milk).

Definition and physical-chemical properties of Toxinfibre™

This fibre is a natural product obtained by hydrolysis from the cell wall of annual plants, without solvents. It is a soluble polymeric structure compound with molecular weight of about 10,000 Dalton, which is also part of the fibrous substances group. Its appearance is that of a brown powder with a peculiar smell which remains stable up to 120 °C temperature.

The essential oils have purity > 95% and pharmaceutical grade, and they have a strong anti-oxidant action.



Synergy

- Toxinfibre™ is a unique product on the market able to bind mycotoxin on feed and on gastro-intestinal tract with a very strong antioxidant action controlling fungi and moulds.
- Toxinfibre™ exploits the synergy between fibres and essentials oils.
Essentials oils: stop/control fungi and mould on feed.
Fibres: bind mycotoxin in general on the gastro-intestinal tract.
- Toxifibre™ is economic, easy to use and does not affect/bind the other nutrients of the feed (vitamins, trace elements, etc etc).
- Toxinfibre™ can be used for all kind of commercial feed, for all BIO-NOP feed production.
- Toxinfibre™ has no toxicity.

Anti-mycotoxin features

Trials analysis made by university and specializing centers for testing mycotoxin point out that Toxinfibre™, at 0,7 mg/ml dose (corresponding to 700 g per ton of feed) features high mycotoxin retention values.

The following table lists the values obtained.

% of toxin recovered ^{*/**}		
	pH 3	pH 7
Ochratoxin A	85±3	69±2
Zearalenon	81±1	88±1
Aflatoxin B1	87±1	75±1

* average of 5 tests on 5 different batches

**mycotoxin dose 0,7 mg/ml

Animal Wellness Products



info@awpint.com

www.awpint.com