

FRA[®] BUTYRIN ULTRA

Stimulate Intestinal Health

- » Microbiome balance
- » Intestinal integrity
- » Highly concentrated in butyric acid

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INTESTINAL INTEGRITY

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INTESTINAL HEALTH

Tributylin delivers a high percentage of butyric acid to the intestine which is involved in several processes. Tributyrin induces the formation of tight junctions, which improves the intestinal barrier function. This allows nutrients to be absorbed, while keeping toxins and pathogens in the lumen. Furthermore, tributyrin improves villi development, increasing the surface area for nutrient absorption. **Intestinal health** and **intestinal integrity** are further established by the anti-oxidative characteristic of tributyrin, combined with its anti-inflammatory effects controlling the inflammatory response, saving energy for growth and performance. All positive effects of tributyrin will lead to an improvement in intestinal health and consequently in an improvement in animal health and performance.

HIGHLY CONCENTRATED IN BUTYRIC ACID

Butyric acid is a corrosive fatty acid with a very unpleasant smell. However, when butyric acid is bound to all three positions of glycerol, creating a molecule of tributyrin, the negative effects of butyric acid are alleviated. Tributyrin is safe to handle and has a neutral odour. As tributyrin consists of three molecules of butyric acid, it is highly concentrated in butyric acid. Tributyrin does not require coating to reach the small intestine which contributes to the high butyric acid content in the product.

These benefits of FRA® Butyrin Ultra result in healthier intestines, improving animal performance.

COMPOSITION

- » Triglycerides of butyric acid

CHARACTERISTICS

- » Available in Dry & Liquid
- » Heat stable & non-corrosive
- » Neutral taste and odour
- » Available in 25 kg bag, 1000 kg big bag and bulk

DOSAGE

- » **Broilers:** 0.5 – 1.0 kg/ton
 - » **Laying hens:** 0.5 – 1.0 kg/ton
 - » **Sows:** 2.0 kg/ton
 - » **Piglets:** 0.5 – 2.0 kg/ton
- For specific dosage advice, contact your technical salesperson

BROILERS

ADWG

Increased Average Daily Weight Gain

+2%



WEIGHT

Body weight gain

+41.1g



FCR

Reduced Feed Conversion Ratio

-1.4pnts



WEANED PIGLETS

ADWG

Increased Average Daily Weight Gain

+4.7%



ROI

Return on Investment

+4.5



FEED INTAKE

Increased Feed intake

+3.9%



SOWS

ADWG

ADWG suckling piglet

+13.9%



LITTER

Litter weight at weaning

+7.4kg



WEIGHT

Weaning weight

+620g



Above results show average values compared to the control group.

Data from this flyer is based on our current knowledge and experience. Since many factors can affect the performance of our product during and after application, processors are responsible for conducting their own tests and investigations. Certain statements or product associated claims may not be applicable in all geographical regions and can differ upon local governmental requirements.

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