



TECHNICAL SHEET NUMBER/ LAST REVIEW 702/080115  
ISO CERTIFICATION 9001:2008 Nº CA-1.061. ACCREDITED LABORATORY Nº 046/ GA/ SA680A

## PRODUCT

### LFB BIOPELLET

## DESCRIPTION

Filtration material for fluidized bed biofilters, packed-bed bioreactors, sand filters, filter bags and percolation filters, especially useful in the set-up of biological filters within recirculating systems. The technical features of this biopellet facilitate the initial growth of aerobic nitrifying bacteria at different salinities and temperatures, removing **ammonia, nitrites** and **nitrogen compounds** from water, contributing also to the elimination of **phosphates** from the water and correcting the acidification resulting from nitrification reactions. During a secondary phase, the LFB biopellet promotes the establishment of an anaerobic layer where **denitrifying bacteria** effectively remove nitrates and elevate pH, ensuring high water quality.

## INGREDIENTS

Inert polymer base imprinted with a specific carbohydrate complex providing full nutritional support for the growth of nitrifying and denitrifying bacteria.

## RECOMMENDATIONS FOR USE

During the initial set-up of a new biofilter, use in doses of 1000 mL (800 g) per 500 L of system water. The LFB biopellets are consumed by bacteria, thus they must be replaced regularly in the biofilter, approximately every 3-6 months of continuous operation. It is advisable to place the biofilter effluent containing the LFB biopellets in front of a protein skimmer or foam fractionator in order to ensure proper aeration, and continuously monitor the levels of nitrates and phosphates in the water.

## PRESENTATION

LFB Biopellet: cylindrical pellets 3x5 mm (min) in 25 kg kraft bags.

## REFERENCE PRICE\*

LFB Biopellet: 44 €/Kg

\*Quotation excludes taxes and delivery costs

## ADDITIONAL INFORMATION

Delivery: 7 to 10 business days from date of order. The quoted price is for orders from 500 Kg, final price may vary depending on purchase volume. Please contact our Commercial Office at [ventas@acuinuga.com](mailto:ventas@acuinuga.com) for further details.

