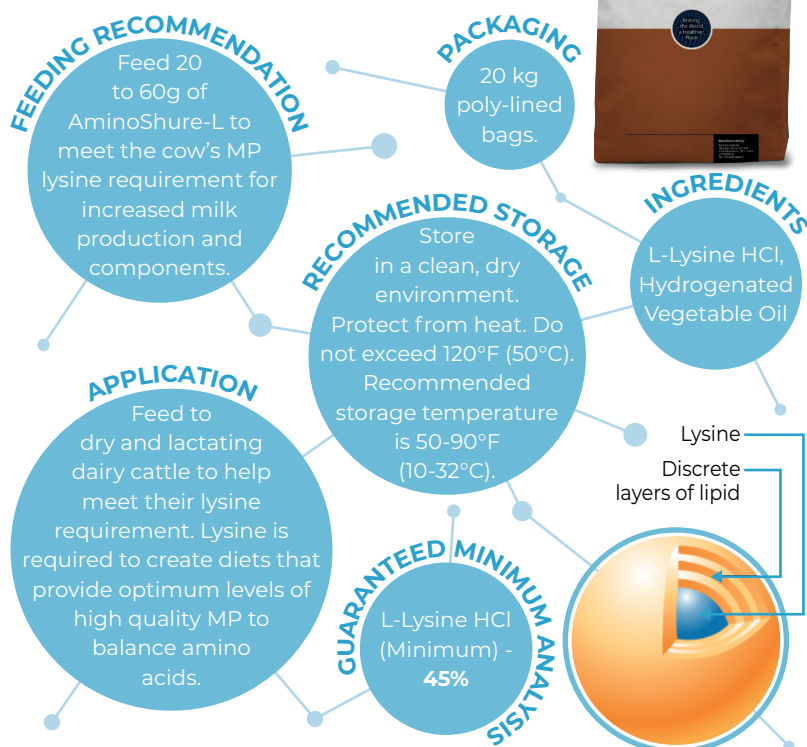
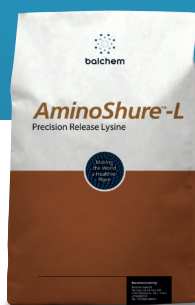


# AminoShure™-L

## Precision Release Lysine

**AminoShure™-L Precision Release Lysine** delivers the essential amino acid, lysine, in a rumen protected form. The revolutionary lipid coating was engineered to release its lysine payload gradually in the small intestine.

The new source of lysine is a more consistent and cost-effective source of metabolisable protein (MP) lysine. This provides nutritionists greater flexibility to create diets that deliver optimum levels of high-quality MP, resulting in improved performance and potentially lower ration costs.



Amino acids are the sub-units (building blocks) of protein. The type and quantity of protein the cow can synthesise depends on the amino acid supply of the diet. Therefore, we can say that cows actually have an amino acid requirement, not a protein requirement. Feed ingredients contain various levels of each type of amino acid.

There are multiple benefits to balancing diets for amino acids, such as improved nitrogen efficiency of diets, increased performance, and improved feed conversion efficiency. Amino acid balancing provides a consistent method for increasing milk yield and protein, through methionine and lysine balancing in particular. If these amino acids are limiting, they will limit milk yield.

### THE BENEFITS

**AminoShure™-L Precision Release Lysine** when fed at optimum levels, can show benefits of amino acid balancing quickly, typically within three to seven days.

**CONSISTENT**  
**AminoShure-L** provides the consistency you can count on when balancing for precise levels of amino acids to meet the exact nutritional needs of the animal.

**RELIABLE**  
**AminoShure-L** has been subjected to the same rigorous testing and development protocols as the other encapsulates in the Balchem line-up and offers the same precision nutrient delivery that you've come to expect from Balchem products.

**COST-EFFECTIVE**  
By leveraging Balchem's innovative encapsulation technologies and manufacturing efficiencies, we can help reduce variability in both ration cost and quality.

**ECONOMICS**  
**AminoShure-L** is the next generation of rumen protected lysine. Effective amino balancing can lead to:

- Increased milk production
- Increased milk components
- Better feed efficiency
- Improved nutrient utilization
- Reduced nitrogen excretion