PRODUCT DATA SHEET

L-Valine [Feed Grade, 96.5%]

L-VALINE: AN INDISPENSABLE AMINO ACID FOR GROWTH PERFORMANCE AND YOUR BOTTOM LINE

Through a series of trials, AJINOMOTO ANIMAL NUTRITION EUROPE has observed that piglet performance is significantly improved when diets are balanced with L-Valine (Figure 1). For piglets, the optimum ratio of digestible Valine-to-Lysine is 70% for optimum growth. Though Valine is also limiting for broilers, the optimum recommended ratio between digestible Valine and lysine is 77%.

The commercial availability of L-Valine has allowed nutritionists to balance the amino acid content of swine and poultry feeds, meet the amino acid requirements of their high-yielding livestock without causing an imbalance in other amino acids, and significantly reduce the nitrogen excretion of their livestock through a reduction in dietary protein (Figure 2). Together, L-Valine provides the feed industry with a tool that can meet a variety of economical, nutritional and environmental targets:

- Lower feed cost
- Better dietary amino acid balance (less waste)
- Lower nitrogen excretion from animals into the environment

For animal feed only – not for human consumption