L-Lysine Monohydrochloride [Feed Grade, 98.5%]

COMMERCIAL GUARANTEE
L-Lysine content 78.8% Minimum

CHEMICAL SPECIFICATIONS
- Chemical formula: C₆H₁₄N₂O₂HCl
- Molecular weight: 182.65
- Appearance: Yellowish-white, crystalline powder
- Content (L-Lysine base): 78.8% (on an as-is basis); 80.0% (dry matter basis)
- Dry matter: 98.5% (minimum)
- Bulk Density: 0.55 to 0.65 grams/cm³ (34.3 to 40.5 lbs/ft³)
- Total nitrogen: 15.12% (on an as-is basis)
- Chloride (Cl): 19.1% (on an as-is basis); 19.4% (dry matter basis)

NUTRITIONAL SPECIFICATIONS
- Crude protein (%/16 g-N): 94.40% (on an as-is basis)
- Calculated energy‡:
  - Swine: DE 4,860 (kcal/kg) 2,200 (kcal/lb)
  - Swine: ME 4,410 (kcal/kg) 2,000 (kcal/lb)
  - Swine: NE 3,435 (kcal/kg) 1,560 (kcal/lb)
  - Poultry: ME 4,120 (kcal/kg) 1,870 (kcal/lb)

STABILITY
- Shelf life: 3 years (25 kg Bags); 1 year (1,000 kg Totes)
- Pelleting stability: Stable under commercial pelleting conditions

PACKAGING SPECIFICATIONS
- Lysine 25 kg bag:
  - Pallet size: 1.02 m x 1.22 m (40” x 48”)
  - Stack pattern: 5 bags/layer; 8 bags high; Pallet weight: 1,000 kg (2,205 lbs)
  - Pallet dimensions (stacked): Width 1.12 m x Depth 1.32 m x Height 1.42 m (44” x 52” x 56”)
- Lysine 1,000 kg tote:
  - Pallet size: 1.02 m x 1.22 m (40” x 48”)
  - Tote dimensions (Regular): 0.95 m x 0.95 m x 1.68 m (37.5” x 37.5” x 66”)
  - Tote dimensions (Short): 0.99 m x 0.99 m x 1.52 m (39” x 39” x 60”)
  - Loop size: 25 cm (10”) Standard lift loops on all four (4) corners
  - Spout dimensions: 36 cm (14”) diameter, 46 cm (18”) length

‡ These values are for informational purposes only and do not constitute any commercial guarantee.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions made in this document are made without guarantee or representation as to result.

For animal feed only – not for human consumption