



## TECHNICAL DATA SHEET

### AjiLys® - Liquid Lysine [Feed Grade 50%]

**COMMERCIAL GUARANTEE**

L-Lysine Content 50% Minimum

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.

**CHEMICAL / PHYSICAL SPECIFICATIONS**

Chemical Formula	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> (L-Lysine) + H <sub>2</sub> O (Water)
Molecular Weight <sub>1</sub>	146.19
Appearance	Brown liquid, slight odor
Dry Matter (average)	50 to 60%
pH	10 to 11
Specific Gravity (H <sub>2</sub> O = 1)	1.12 to 1.19 kg/L (9.35 to 9.93 lbs/gallon)

**NUTRITIONAL SPECIFICATIONS**

Crude Protein (%/16 g-N) <sub>1</sub>	59.88% (9.58% N from L-Lysine)	
Calculated Energy <sup>‡</sup>		
Swine, DE	3,110 (kcal/kg)	1,411 (kcal/lb)
Swine, ME	2,830 (kcal/kg)	1,284 (kcal/lb)
Swine, NE	2,200 (kcal/kg)	998 (kcal/lb)
Poultry, ME	2,640 (kcal/kg)	1,198 (kcal/lb)

**STABILITY**

Shelf Life	Stable for 6 months at 25 to 35°C (77 to 95°F)
Pelleting Stability	Stable under commercial pelleting conditions
Temperature	Stable at 25°C (equipment should be insulated and heated)

**DIRECTIONS FOR USE**

To be used in the manufacturing of animal feeds. Add 4.0 pound of **AjiLys® - Liquid Lysine 50** per 2,000 pounds of feed to achieve a 0.1% increase in the L-Lysine content of the diet.

**POTENTIAL INCOMPATIBILITY WITH OTHER LIQUID INGREDIENTS**

There are no known incompatibility issues between AjiLys® and either HMTBa, Liquid Methionine, Liquid Choline Chloride or fat when the liquids are simultaneously, yet independently applied to actively mixing feed.

<sup>1</sup> The Merck Index, 13th Edition (2001) \_ L-Lysine (5656; Pg. 1010)

<sup>‡</sup> These values are for informational purposes only and do not constitute any commercial guarantee

***For animal feed only – not for human consumption***