



AJINOMOTO®

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L-Tryptophan [Feed Grade (98%)]

CHEMICAL SPECIFICATIONS

Chemical formula	$C_{11}H_{12}N_2O_2$
Molecular Weight ₁	204.23
Percent Nitrogen ₁	13.45%
Description	Yellowish-white, crystalline powder
Solubility in H ₂ O	1.136 g/100 g water at 20°C
Loss on Drying	1.0% (Max)
Purity	98.0% (Min)
Bulk Density	0.20 to 0.30 grams/cm ³
Product Form	Crystalline powder

NUTRITIONAL SPECIFICATIONS

L-Tryptophan content	98.0% (on a dry matter basis)	
Crude Protein (%/16 g-N)	84.0% (on a dry matter basis)	
Energy		
Swine ₂ , DE	6,510 (kcal/kg)	2,950 (kcal/lb)
Swine ₂ , ME	6,120 (kcal/kg)	2,780 (kcal/lb)
Swine ₂ , NE	4,730 (kcal/kg)	2,150 (kcal/lb)
Poultry ₃ , ME	5,850 (kcal/kg)	2,650 (kcal/lb)

PACKAGING SPECIFICATIONS

Tryptophan 10 kg bags:

Pallet size - 38" x 47" (0.97 m x 1.19 m)

Stack pattern - 5 bags/layer; 10 bags high

Pallet dimensions (stacked) – Width 49" x Depth 37" x Height 46" (1.25 m x 0.94 m x 1.17 m)

1. The Merck Index, 13th Edition (2001)
2. J. Noblet, INRA, France (Personal communications, 2000)
3. Larbier, INRA, France

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