

# **Technical data sheet**

L-Tryptophan 98 % Feed Grade	L-	Trvptoi	ohan	98 %	Feed	Grade
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L-Tryptophan 98 % Feed Grade is produced by fermentation.

This product is intended only for animals and should not be used in human products or human consumption.

## **Chemical description**

Isomer L (Laevo-rotatory)

# **Commercial guarantee**

L-Tryptophan (%) - HPLC analysis 98 Minimum Moisture (%) - 105°C for 4 hours 1 Maximum Purity (%) - Tryptophan on dry matter 98 Minimum

# **Regulatory position**

L-Tryptophan, technically pure (L-Tryptophan 98 % Feed Grade) is in the scope of Regulation (EC) 1831/2003 of 22/09/2003 on additives for use in animal nutrition (OJ EU n° L 268 of 18/10/2003), category: "nutritional additives", additive group: "amino acids, their salts and analogues" and is approved for use in all animal species.

#### **Nutritional values**

Dry matter (%)	99.0
Tryptophan content (%)	98.0
Digestibility coefficient (%)	100
Crude Protein (N x 6,25, %)	84.0
ME poultry, kcal.kg-1 (MJ.kg-1)	5850 (24.28)
DE pig, kcal.kg-1 (MJ.kg-1)	6510 (27.24)
ME pig, kcal.kg-1 (MJ.kg-1)	6120 (25.61)
NE pig, kcal.kg-1 (MJ.kg-1)	4730 (19.79)

### **Physical description**

Whitish to yellowish powder.

## **Physical characteristics**

pH (0.5g in 100 ml of  $H_2O$ ) 4.5 to 7 Bulk density (kg/l) 0.2 to 0.3

Solubility in water at 25 °C 1.136g/100g water

# **Packaging**

10 kg bags on shrink wrapped pallets, "Big bags".

## **Stability**

Original 10kg bags unopened: the product is stable for at least 3 years if stored under recommended conditions. Original "Big bags" unopened: the product is stable for at least 1 year if stored under recommended conditions.

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