



ADM L-LYSINE HCl

L-Lysine Monohydrochloride 98.5% Feed Grade

ADM Feed Ingredients Division

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Description

ADM L-Lysine monohydrochloride is a high quality, granular product specifically designed for the feed industry. Produced from advanced technology, this product is composed of 100% isomerically pure L-Lysine, which translates into 100% bioavailability for swine, poultry, and other animals.

Ingredients

L-Lysine monohydrochloride

Guarantee

L-Lysine monohydrochloride (<i>minimum</i>)	98.5%
L-Lysine (<i>minimum</i>)	78.8%
Moisture (<i>maximum</i>)	1.5%

Chemical Characteristics

Formula	C ₆ H ₁₄ N ₂ O ₂ -HCl
Molecular Weight	182.65
Nitrogen, %	15.34
[NH ₃ ⁺ -CH ₂ -CH ₂ -CH ₂ -CH ₂ -CH(COO ⁻)Cl ⁻] NH ₃ ⁺	

General Characteristics (as is basis)

Appearance	Tan colored granules
Loss on Drying	1.5%
Purity,	98.5%
Solubility	500-600 g/liter in H ₂ O at 25°C
Typical Bulk Density	.64-.71 g/cm ³ [40-44 lb/cu. ft.]
Typical Particle Size	85% < 1.19mm [No.16 U.S. Standard] 5% < 0.17mm [No.80 U.S. Standard]

CAS Number	657-27-2
EINECS Number	211-519-9
IFN Number	5-19-118
AAFCO Definition	6.11 L-Lysine monohydrochloride
EU Feed Additive Register	3.2.3

Nutritional Specifications

L-Lysine Content	78.8%
HCl Content	19.7%
Crude Protein [N x 6.25]	94.4%

Metabolizable Energy

	kcal/kg	MJ/kg	kcal/lb
Poultry	3990	16.7	1810
Swine	4250	17.8	1932

Storage

Store in unopened original packaging in cool, dry area.
Shelf life is 2 years from date of manufacture.

Packaging & Product Code

25 kg bags (035150)
1000 kg totes
Bulk trucks

Manufactured by

Archer Daniels Midland Company
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