

## ADM L-LYSINE HCl

# L-Lysine Monohydrochloride 98.5% Feed Grade Archer Daniels Midland Co. Specialty Feed Ingredients Division

SpecialtyFeedIngredients@admworld.com

## 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% bioavailbility for swine, poultry, and other animals.

## Ingredients

L-Lysine monohydrochloride

### Guarantee

L-Lysine monohydrochloride, minimum 98.5% L-Lysine 78.8% Moisture, maximum 1.5%

### **Chemical Characteristics**

 $\begin{tabular}{ll} Formula & $C_6H_{14}N_2O_2$-HCl \\ Molecular Weight & 182.65 \\ Nitrogen, \% & 15.34 \\ \hline [NH_3^+$-CH_2$-CH_2$-CH_2$-CH-COO-]Cl- \\ \end{tabular}$ 

I NH<sub>3</sub>+

## General Characteristics (as is basis)

Appearance Tan colored granules

Loss on Drying 1.5% Purity, 98.5% Isomeric Purity 100.0%

Solubility 500-600 g/liter in H<sub>2</sub>O at 25°C Typical Bulk Density .64-.71 g/cm<sup>3</sup> [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

## **Nutritional Specifications**

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

## Metabolizable Energy

|         | <u>kcal/kg</u> | 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.

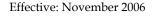
## Packaging & Product Code

25 kg bags (035150) 1000 kg totes Bulk trucks

### Manufactured by

Archer Daniels Midland Company ADM Specialty Feed Ingredients Division 4666 Faries Parkway Decatur, Illinois 62526 USA

Phone: 217-451-8177





For customers around the world, ADM draws on its resources—its people, products, and market perspective—to help them meet today's consumer demands and envision tomorrow's needs.

RESOURCEFUL BY NATURE™



The information contained herein is correct as of the date of this document to the best of our knowledge. Any recommendations or suggestions are made without guarantee or representation as to results and are subject to change without notice. We suggest you evaluate any recommendations and suggestions independently. WE DISCLAIM ANY AND ALL WARRANTIES, WHETHER EXPRESS OR IMPUED, AND SPICUFICALIES.

SPICATION OF THE MATERIAL DESCRIPTION OF THE PROPERTY OF THE P