

DL-Lysine Intermediate Powder

Cat. No. CEGZ-6081

Lot. No. (See product label)

Introduction

Description

DL-lysine is a medicine-grade medical intermediate supplied as a white powder and described with 99.5% purity in the source specifications.

Applications

The source description notes that lysine salt can inhibit cyclooxygenase and reduce prostaglandin synthesis, with antipyretic effects.

Synonyms

DL-Lysine; (+/-)-2,6-Diaminocaproic acid

Product Information

Appearance

White powder

Form

Powder

CAS No.

73-22-3; 70-54-2 in description

Molecular Formula

C₆H₁₄N₂O₂XCLH; C₆H₁₄N₂O₂ in description

Chemical Name

DL-Lysine

Molecular Weight

146.19

Purity

99.5% Assay: 98.5%-101.0%; result 98.5%

Contaminants

Chloride: 19.12%-19.51%; result 19.25% Ammonium: ≤0.02%; result <0.01% Sulfate: ≤0.020%; result 0.0005% Iron: ≤10 ppm; result 6 ppm Heavy metals: ≤10 ppm; result 5 ppm Arsenic: ≤1 ppm; result 0.03 ppm Loss on drying: ≤0.40%; result 0.2% Residue on ignition: ≤0.10%; result 0.01%

Function

Antipyretic effect listed in the source description

Quality

Complies with standard.

Grade

Medicine Grade

Usage and Packaging

Package

25 kg/drum