

## N,N-Bis(carboxymethyl)-L-lysine Hydrate

Cat. No. CEGZ-50189

Lot. No. (See product label)

### Introduction

#### Description

N,N-Bis(carboxymethyl)-L-lysine is an aminocarboxylate chelating agent derived from L-lysine. It forms stable complexes with nickel and other transition metal ions and is used to construct metal-chelating adsorbents.

#### Applications

Used as a metal-chelating ligand in immobilized metal affinity chromatography (IMAC) for the purification of histidine-tagged recombinant proteins.

#### Synonyms

N $\alpha$ ,N $\alpha$ -Bis(carboxymethyl)-L-lysine; AB-NTA; Lysine-N,N-diacetic acid

### Product Information

#### Appearance

White to off-white solid

#### Form

Powder

#### CAS No.

113231-05-3

#### Molecular Formula

C<sub>10</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>

#### Molecular Weight

262.26

#### Purity

High purity

#### Notes

For research and development use only.

### Storage and Shipping Information

#### Storage

Store in a tightly closed container in a cool, dry place.