

## ε-poly-L-lysine · HCl

Cat. No. EXTZ-792

Lot. No. (See product label)

### Introduction

#### Description

ε-poly-L-lysine · HCl is composed of L-lysine units linked by amide bonds formed between the carboxyl and ε-amino groups. It is a pale yellow powder with strong hygroscopic properties and a slightly bitter taste. Produced through Streptomyces fermentation, it exhibits broad-spectrum antibacterial activity. As a natural preservative, ε-poly-L-lysine · HCl is widely used in food additives.

#### Applications

It is added to food as a preservative and is used in instant rice, pre-cooked noodles, cooked vegetables, seafood, sauces, soy sauce, fish fillets, and other products.

### Product Information

#### Appearance

White to cream-colored powder

#### CAS No.

28211-04-03

#### Molecular Formula

$[C_6H_{12}N_2O \cdot HCl] n \cdot H_2O$ , n=25-35

#### Molecular Weight

4130-5776

#### Purity

≥95%