# **Certificate of Analysis**

# Poly-L-lysine (hydrobromide) (MW 70000-150000)

Cat. No.: HY-126437B
CAS No.: 25988-63-0
Batch No.: 291460

Chemical Name: L-Lysine, homopolymer, hydrobromide (MW 70000-150000)

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{19}BrN_2O$ Molecular Weight: 70000-150000

**Storage:** -20°C, sealed storage, away from moisture

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### **Chemical Structure:**

n Br

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

Water(KF): 5%

Degree of Polymerization: 526

Molecular Weight by Viscosity: 109850

Deg of Polymerization (MALLS): 372

Molecular Weight (MALLS): 77600

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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