

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

**Product Name:**
**Poly-L-lysine hydrobromide - mol wt 70,000-150,000 by viscosity**
**Product Number:**
**P1274**
**CAS Number:**

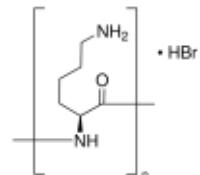
25988-63-0

**MDL:**

MFCD00237230

**Formula:**
L-Lys-(L-Lys)<sub>n</sub>-L-Lys · xHBr
**Storage Temperature:**

-20 °C


**TEST**
**Specification**

Appearance (Color)	White to Off White
Appearance (Form)	Solid
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml, H <sub>2</sub> O	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 10 %
Degree of Polymerization	335 - 717
By viscosity	
Molecular Weight by Viscosity	70000 - 150000
Deg of Polymerization (MALLS)	
Report Results	
Molecular Weight (MALLS)	
Report Results	
Recommended Retest Period	-----
3 years	

Specification: PRD.1.ZQ5.10000030892

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

