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## Specification Sheet

Product Name: **Poly-D-lysine hydrobromide**  
Specifications & Purity: Molecular weight  $\geq 300000$   
SKU #: **P477773**

### Parameter

Appearance(P477773)

Infrared spectrum

solubility H<sub>2</sub>O,soluble 50g/mL,Colorless to Faint Yellow Clear to Very Slightly Hazy pass

Specific rotation  $[\alpha]_{20/D}(C=1, H_2O, 25^{\circ}C)$

Water by Karl Fischer

Degree of Polymerization

Molecular Weight by Viscosity

Deg of Polymerization (MALLS)

Molecular Weight (MALLS)

### Limit Values

White to Off-White powder or solid

Conforms to structure

60-85 (°)

0-10 (%)

$\geq 1435$

$\geq 300000$

$\geq 718$

$\geq 150000$

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