

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Poly-D-lysine hydrobromide
Specifications & Purity:	Molecular weight ≥ 300000
SKU #	P477773

Parameter	Limit Values
Appearance(P477773)	White to Off-White powder or solid
Infrared spectrum	Conforms to structure
solubility H ₂ O,soluble 50g/mL,Colorless to Faint Yellow Clear to Very Slightly Hazy	pass
Specific rotation $[\alpha]_{20/D}(C=1, H_2O, 25^{\circ}C)$	60-85 (°)
Water by Karl Fischer	0-10 (%)
Degree of Polymerization	≥ 1435
Molecular Weight by Viscosity	≥ 300000
Deg of Polymerization (MALLS)	≥ 718
Molecular Weight (MALLS)	≥ 150000