



Specification

Poly(L-Lysine Hydrobromide)

Catalog Number: LH1002
CAS Number: 25988-63-0
Molecular Formula: $(C_6H_{12}ON_2Br)_{50}$
Molecular Weight: N/A
Storage: $\leq -20^{\circ}C$
Retest Period: Five years after date of manufacture.

Test	Specification
Appearance	White to faint-yellow solid
Solubility (50mg/ml H ₂ O)	Clear solution
Identify by NMR	To match reference spectra
Specific Rotation (c=1, H ₂ O)	Report
PDI by GPC (Polymer Distribution)	1.00 - 1.20
MN by NMR (Average Molecular Weight)	9400 - 11500
DP _n by NMR (Short Oligomers)	45-55

Approved by:

Date: March 20, 2020

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