

Certificate of Analysis

Date of Testing: 2025-05-28 11:47:20
Date of Next Testing: 2028-05-27 11:47:20
Product Name: **Poly(L-arginine hydrochloride)**
CAS Number: 26982-20-7
Specifications & Purity:
Lot #: E2520567
SKU #: **P489891**
Version: **1**
Analysis #: **451471**
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
PDI of starting material by GPC	1-1.2	1.01000
MN by NMR	12900-16000	14400.00000
degree of polymerization	67-83	75.00000
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility(Clear solution at 50 mg/mL of water)	Pass	Pass
Appearance(White to faint-yellow solid)	Pass	Pass



John Su
QA & QC Manager