

Certificate of Analysis

Date of Testing: 2025-05-28 11:44:39

Date of Next Testing: 2028-05-27 11:44:39

Product Name: **Poly(L-arginine hydrochloride)**

CAS Number: 26982-20-7

Specifications & Purity:

Lot #: E2520575

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