

Certificate of Analysis

Date of Testing: 2025-05-24 09:14:43

Date of Next Testing: 2028-05-23 09:14:43

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

CAS Number: 26982-20-7

Specifications & Purity:

Lot #: E2520569

SKU #: **P489891**

Version: **1**

Analysis #: **451460**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
PDI of starting material by GPC	1-1.2	1.03000
Molecular Number by NMR	34600-42400	37500.00000
degree of polymerization	180-220	195.00000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Clear solution at 50 mg/mL of water	Pass	Pass
Appearance(P489891-07)	White to faint-yellow solid	White to faint-yellow solid



John Su
QA & QC Manager