

Certificate of Analysis

Date of Testing: 2025-01-16 09:52:48

Date of Next Testing: 2028-01-16 09:52:48

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

CAS Number: 26982-20-7

Specifications & Purity:

Lot #: A2510432

SKU #: **P489891**

Version: **1**

Analysis #: **451485**

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

Parameter	Limit Values	Result
PDI of starting material by GPC	1-1.2	1.07000
Molecular Number by NMR	1500-2300	2300.00000
degree of polymerization	8-12	12.00000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Clear solution at 50 mg/mL of water	Pass	Pass
Appearance(P489891-01)	White to faint-yellow solid	White to faint-yellow solid



John Su
QA & QC Manager