

Certificate of Analysis

Date of Testing: 2025-01-16 09:32:07

Date of Next Testing: 2028-01-16 09:32:07

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

CAS Number: 26982-20-7

Specifications & Purity:

Lot #: A2510433

SKU #: **P489891**

Version: **1**

Analysis #: **451479**

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	8700-10600	10400.00000
degree of polymerization	45-55	54.00000
Appearance(P489891-03)	White to faint-yellow solid	White to faint-yellow solid
Solubility,solution at 50 mg/mL of water Clear	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager