

Certificate of Analysis

Date of Testing: 2025-05-28 15:41:08

Date of Next Testing: 2028-05-27 15:41:08

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

CAS Number: 26982-20-7

Specifications & Purity:

Lot #: E2520544

SKU #: **P489891**

Version: **1**

Analysis #: **451499**

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

Parameter	Limit Values	Result
PDI of starting material by GPC	1-1.2	1.04000
MN by NMR	26000-31800	29600.00000
degree of polymerization	135-165	154.00000
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