

Certificate of Analysis

Date of Testing: 2023-10-07 11:01:14

Date of Next Testing: 2026-10-06 11:01:14

Product Name: **Poly-L-glutamic acid sodium salt**

CAS Number: 26247-79-0

Specifications & Purity: average MW 30000

Lot #: I2320227

SKU # **P477785**

Analysis: **271648**

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

Parameter	Limit Values	Result
Na(Quantitative analysis)	11-15 (%)	12.70000 %
PDI by GPC	1.00-1.20	1.04000
MN by NMR	27200-33200	32200.00000
DPn by NMR	180-220	213.00000
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility,Clear solution,50 mg/mL in H2O	pass	Pass
Appearance(P477785)	White to faint-yellow solid	White to faint-yellow solid



John Su
QA & QC Manager