

Certificate of Analysis

Date of Testing: 2023-10-07 14:45:38

Date of Next Testing: 2026-10-06 14:45:38

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

CAS Number: 26247-79-0

Specifications & Purity: average MW 7500

Lot #: I2320780

SKU # **P477797**

Analysis: **271691**

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

Parameter	Limit Values	Result
Na(Quantitative analysis)	11-15 (%)	13.10000 %
PDI by GPC	1.00-1.20	1.02000
MN by NMR	6800-8300	7600.00000
DPn by NMR	45-55	50.00000
Solubility,Clear solution,50 mg/mL in H2O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(P477797)	White to faint-yellow solid	White to faint-yellow solid



John Su
QA & QC Manager