

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-16 09:43:03
 Date of Next Testing: 2029-07-15 09:43:03
 Product Name: **Poly-L-glutamic acid sodium salt**
 CAS Number: 26247-79-0
 Specifications & Purity: average MW 30000
 Lot #: I2320226
 SKU #: **P477785**
 Version: **1**
 Analysis #: **737678**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Na(Quantitative analysis)	11-15 (%)	12.69800 %
PDI by GPC	1.00-1.20	1.03800
MN by NMR	27200-33200	32200.00000
DPn by NMR	180-220	212.99800
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(P477785)	White to faint-yellow solid	White to faint-yellow solid
Solubility, Clear solution, 50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager