

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-05 18:45:07

Date of Next Testing: 2028-12-04 18:45:07

Product Name: **Polyglutamic Acid sodium salt(γ -PGA)**

CAS Number: 28829-38-1

Specifications & Purity: $\geq 92\%$

Lot #: L2502661

SKU #: **P1506123**

Version: **1**

Analysis #: **609193**

Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

Parameter	Limit Values	Result
Molecular weight	≥ 700 (KDa)	715.26300 kDa
Purity(HPLC)	92-100 (%)	94.30000 %
loss on drying(105°C, 2 h)	0-8 (%)	5.60000 %
Heavy metals	0-20 (ppm)	20.00000 ppm
Transmittance(5g/L in H ₂ O, 400nm)	95-100 (%)	98.20000 %
pH(10g/L, 25 °C)	5.0-7.5	6.20000
Total Plate Count	0-100(CFU/g)	40.00000 cfu/g
Appearance(P1506123-02)	White to off white granular or powder	White to off white granular or powder



John Su
QA & QC Manager