

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-12 14:59:13

Date of Next Testing: 2029-06-11 14:59:13

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

CAS Number: 28829-38-1

Specifications & Purity: $\geq 92\%$

Lot #: F2611426

SKU #: **P1506123**

Version: **1**

Analysis #: **718132**

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

Parameter	Limit Values	Result
Molecular weight	0-100 (KDa)	100.00000 kDa
Purity(HPLC)	92-100 (%)	94.60000 %
loss on drying(105°C, 2 h)	0-8 (%)	5.30000 %
Heavy metals	0-20 (ppm)	10.00000 ppm
Transmittance(5g/L in H ₂ O, 400nm)	95-100 (%)	98.80000 %
pH(10g/L, 25 °C)	5.0-7.5	6.50000
Total Plate Count	0-100(CFU/g)	50.00000 cfu/g
Appearance(P1506123-04)	White to off white granular or powder	White to off white granular or powder



John Su
QA & QC Manager