

Certificate of Analysis

Date of Testing: 2025-05-27 10:55:36

Date of Next Testing: 2028-05-26 10:55:36

Product Name: **Polyglutamic Acid (low-molecular-weight)**

CAS Number:

Specifications & Purity: $\geq 90\%$

Lot #: E2519022

SKU #: **G774248**

Version: **1**

Analysis #: **489448**

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

Parameter	Limit Values	Result
Molecular Weight	0-200000 (Da)	100000.00000 Da
Loss on drying	0-10 (%)	7.80 %
Heavy metals	0-10 (ppm)	3.00 ppm
Transmittance	95-100 (%)	99.70000 %
PH	5.0-7.5	6.40
Total Plate Count	0-100(CFU/g)	1.70000 cfu/g
Purity(HPLC)	90-100 (%)	92.00000 %
Appearance(G774248)	White to off white granular or powder	White to off white granular or powder



John Su
QA & QC Manager