

Certificate of Analysis

Date of Testing: 2025-05-24 11:43:30

Date of Next Testing: 2028-05-23 11:43:30

Product Name: **Polyglutamic Acid (macromolecule)**

CAS Number:

Specifications & Purity: $\geq 90\%$

Lot #: E2519366

SKU #: **P774285**

Version: **2**

Analysis #: **498323**

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

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	7.50 %
Heavy metals	0-10 (ppm)	1.25 ppm
Transmittance	95-100 (%)	99.60000 %
PH	5.0-7.5	6.70
Total Plate Count	0-100(CFU/g)	0.36000 cfu/g
Molecular Weight	≥ 1500000 (Da)	1520000.00000 Da
Purity(HPLC)	90-100 (%)	92.20000 %
Appearance(P774285)	White to off white granular or powder	White to off white granular or powder



John Su
QA & QC Manager