

## Certificate Of Analysis

**Name:** Poly-L-glutamic acid  
**CAS No.:** 25513-46-6  
**Cat No.:** A949612  
**Batch No.:** P12082023  
**Mfg.Date:** 2023.08.12  
**Exp.Date:** 2025.08.11

Items	Specifications	Results
Appearance	White to off-white granular powder	Conforms
State	Powder or granules no caking	Conforms
Transparency(0.5%、400nm)	95%(min)	97.3%
PH(1%)	5.0~7.5	5.65
Molecular wt(Da)	≥700KDa	≥700KDa
Loss on drying	≤8.0%	5.84%
Heavy metals(Pb)	≤10ppm	<10ppm
Assay	≥92%	95.74%
Total bacterial count	≤100CFU/g	<10CFU/g
Yeasts&mold	≤20CFU/g	<10CFU/g
Staph	Negative	Negative
E coli	Negative	Negative
Pseudomonas aeruginosa	Negative	Negative
Conclusion	The product tested complies with the specifications.	

**Storage condition: Store in a tightly closed container in a cool and dry place.**

Checker:

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\*If you have any comments and suggestions, please contact us by [sales@amadischem.com](mailto:sales@amadischem.com)

\*For laboratory or manufacturing use only, not for drug, food and household use.