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Certificate of Analysis

Product Name:	Polyglutamic Acid/Gamma PGA	Manufacture Date:	17 th , Nov, 2024
Test Date:	18 th , Nov, 2024	Batch No:	Sj20241117
Batch Quantity:	1500kg	Expiry Date:	16 th , Nov, 2026

Items	Specification	Result
Appearance	White to off-white granular or powder, no agglomeration	Conforms
Assay(HPLC)	≥92.0%	92.8%
Transmittance(5g/L, AQ, 400nm)	≥95.0%	99.1%
Molecular	≤50K Dalton	20K Dalton
PH value	5.0-7.5	6.6
Loss on drying %	≤8.0%	6.1%
Total Heavy Metals	≤20ppm	Conforms
Total Plate Count	≤100cfu/g	40cfu/g

Storage	Store in cool & dry place
Shelf life	24 months properly stored

Quality Assurance Officer: **XiaoLiang Li**

Analyst: **Li He**

