

## Certificate of Analysis

Product Name	Polyglutamic acid
Glenthams Code	GX4841
CAS Number	25736-27-0
Batch Number	881AKV

Molecular Weight	-
Molecular Formula	$(C_5H_7NO_3)_n$
Storage Temp.	+20°C

Property	Specification	Batch 881AKV
Physical Description	Off-white to light-yellow or faint beige powder (may contain some darker particles)	Faint beige powder
pH (1% in water)	4.0 - 8.5	6.9
Loss on Drying	≤ 10.0% (105°C, 1h)	3.3%
Heavy Metals	≤ 20ppm	Conforms
Assay	≥ 30.0%	33.8%

Specification Version	v1.1
Manufacture Date	2021-10-30
Re-Test Date	2030-03-24

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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