

## Specification Sheet

### Sodium Polyglutamate ( $\gamma$ -PGA)

CAS No. 28829-38-1

Item	Specification
Appearance	White or almost white powder
Identification - Infrared absorption	Consistent with the reference spectrum of Sodium Polyglutamate
Assay	$\geq 90.0\%$
Intrinsic viscosity, $[\eta]$ /(dl/g)	1.0 – 5.0
pH (1% solution)	5.0 – 7.5
Loss on drying	$\leq 10.0\%$
Absorbance (4%, 400 nm)	$\leq 0.12$
Lead (Pb)	$\leq 10$ ppm
Arsenic (As)	$\leq 2$ ppm
Mercury (Hg)*	$\leq 1$ ppm
Cadmium (Cd)*	$\leq 5$ ppm
Bacteria counts	$\leq 100$ cfu/g
Mold & Yeast	$\leq 100$ cfu/g
<i>Staphylococcus aureus</i>	Negative
<i>Fecal coliforms</i>	Negative
<i>Pseudomonas aeruginosa</i>	Negative

\*(Hg) and (Cd) are non-routine test items.

Storage: Keep sealed in container in a cool and dark place.

Shelf Life: Two years from the date of manufacture.

Country of Origin: China