



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Technical Data Sheet

Product Name: Sodium Polyglutamate/Sodium γ -Poly-Glutamic Acid/

Sodium γ -PGA

CAS:28829-38-1

Molecular Formula:(C₅H₇NO₃)_n.Na

Grade: Cosmetic Grade

Appearance:White to off white granular powder

Technical Indicators:

ITEM	STANDARD
Appearance	White to off white granular powder
Content %	$\geq 92.0\%$
Molecular weight	Actual Measured value
pH	5.0-8.0
Transmittance	$\geq 95\%$
Loss on drying	$\leq 8.0\%$
Mercury	≤ 1
Lead	≤ 10
Arsenic	≤ 2
Chromium	≤ 5



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Total bacterial count	≤ 100
Thermotolerant coliform's	Not detected

Application:

Sodium polyglutamate with a higher molecular weight provides a smooth skin feel. It can promote the accumulation of natural moisturizing factors, enhance the skin's water retention capacity, and work synergistically with HA to improve skin elasticity and softness. Therefore, polyglutamate sodium can be widely applied in various product and cosmetic formulas, such as creams, lotions, essences, masks, cleansers, hair care products, and body care products.

Packaging:

500g/bottle, 8KG/BOX, or as customer requirement.

Storage & Transportation:

Store in cool place. Keep container tightly closed in a dry and cool place.

Do not store together with strong oxidizing agent. Avoid moisture. Keep away from fire and heat.