



陕西赛恩生物科技有限公司
Shaanxi Saïen Biotechnology Co., Ltd.

CERTIFICATE OF ANALYSIS

Product Name: Chitosan Quaternary Ammonium Salt

Batch number: SN250925

Production date: 2025/09/25

Inspection date: 2025/09/30

Valid until: 2027/09/25

Item	Specifications	Result
Appearance	White or off-white granular powder	White granular powder
Degree of substitution (%)	>98%	98.5
Content (%)	>95%	96
Colecular weight	30 - 160 kDa	Conforms
Deacetylation degree	>90%	92.4
Insoluble matter (%)	<0.5%	0.20%
Ash content	<1%	0.63%
Moisture content	<10%	9.3%
Mesh size	>40 目	60
Arsenic (ppm)	< 0.5	Conforms
PH	6-8	6.7

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months when properly stored. **Status:** Natural; Non-Irradiation.

QA: Jinping Zhang **QC:** Dan Liu **Date:** Sept.30.2025

