

# 质 检 报 告

## CERTIFICATE OF ANALYSIS

Product Name: N-Acetyl-D-Glucosamine

Batch No.: 202103004

Manufacture Date: 2021-03-19

Quantity: 150KG

Expiry Date: 2023-03-18

Report Date: 2021-03-20

Items	Specifications	Results
Appearance	White or off white powder	Conforms
Assay	98%~102%	100.15%
Specific Rotation	+39.0°~+43.0°	40.9°
PH value	6.0~8.0	6.62
Melting Point	196.0°C-205.0°C	200.7°C
Loss on drying	≤0.5%	0.07%
Free Glucosamine	≤1.0%	Complies
Related compounds	Single Impurity ≤0.5%	Complies
	Total Impurities ≤2.0%	Complies
Residue on Ignition	≤0.1%	0.07%
Chloride	≤0.1%	Complies
Iron	≤10ppm	<10ppm
Heavy Metal	≤10ppm	<10ppm
Cd	≤1.0ppm	<1.0ppm
Hg	≤0.10ppm	<0.10ppm
Lead	≤3ppm	<3ppm
Arsenic	≤1ppm	<1ppm
Microbial Test		
Total Aerobic Microbial Count	≤1000 cfu/g	Conforms
Yeast and Mold	≤100 cfu/g	Conforms
Escherichia Coli	Negative	Conforms
Salmonella	Negative	Conforms
<b>Conclusion</b>	<b>Conform to USP37 Standard</b>	

Prepared by:

Approved by (QC):

Approved by (QA):

# Specification

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