

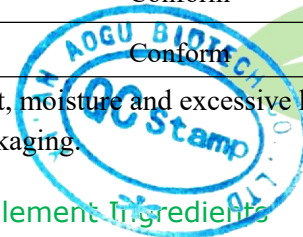
## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	N-ACETYL-D-GLUCOSAMINE		
<b>Batch Number</b>	20221026	<b>Manufacture Date</b>	20221026
<b>Report Date</b>	20221026	<b>Expiry Date</b>	20241025

Item of Analysis	Specification	Results
Assay	98.0%~102.0%	99.43%
<b>Organoleptic</b>		
Appearance	White powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
<b>Physical Characteristics</b>		
Specific Rotation	39°- 43°	40.61°
Loss on drying	≤0.50%	0.16%
Residue on ignition	≤0.50%	0.24%
pH value	5.0 ~ 8.0	7.1
Melt point	196 ~ 205°C	pass
<b>Heavy metals</b>		
Heavy metals(Pb)	≤10ppm	<10ppm
Chloride (Cl)	≤0.5%	0.25%
Arsenic (As <sub>2</sub> O <sub>3</sub> )	≤1PPM	<1ppm
Cadmium (Cd)	Not Mentioned	<1ppm
Mercury (Hg)	Not Mentioned	<1ppm
Cadmium (Cd)	Not Mentioned	<1ppm
<b>Microbiological Tests</b>		
Total Bacteria Count	1000cfu/g Max	75cfu/g
Yeast & Mold	100cfu/g Max	55cfu/g
E. Coli.	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.



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