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SPECIFICATION SHEET

Product Name: N-Acetyl-D-Glucosamine
Molecule Formula: $C_8H_{15}NO_6$ **Shelf Life:** 36 Months
Molecule Weight: 221. 21 **Country of Origin:** China

TESTS	SPECIFICATION	TEST METHOD
Appearance	White Or Off Powder	Visual
Identification	Positive	USP29
Mesh Size	100 Mesh	USP29<811>
PH Value	5.5-7.5	USP29<791>
Assay	99.0% Min	USP29
Chloride	1.0% Max	USP29<221>
Melting Point	196-200ºC	USP29<191>
Loss on Drying	NMT 0.5%	USP29<731>
Residue On Ignition	0.1%Max	USP29<281>
Iron	≤10 ppm	USP29<241>
Heavy Metals	≤10 ppm	USP29<231>II
Lead	≤3ppm	USP29<251>
Arsenic	≤0.5ppm	USP29<211>II
Cadmium	≤1.0ppm	USP29<191>
Total Mercury	≤0.1ppm	USP29<191>
MICROBIOLOGY		
Total Plate Count	<1,000cfu/g	USP29-<61>
Mold &Yeast	<100cfu/g	USP29-<61>
Total Coliforms	<10cfu/g	USP29-<61>
Staphylococcus	Negative	USP29-<61>
Pseudomonas	Negative	USP29-<61>
E.Coli	Negative	USP29-<61>
Salmonella	Negative	USP29-<61>

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :_____
Abdullah Malik (QA)