

Product:	GLUCOSAMINE HYDROCHLORIDE		
Original:	Shellfish	Report Date:	2023/02/06
Batch No.:	HS2301630	Quantity:	100KG
Net Weight:	25KG/DRUM	Gross weight:	27.5KG/DRUM
Manufacturing Date:	2023/01/29	Expiry Date:	2025/01/28

ITEMS	SPECIFICATIONS (TEST METHOD)	RESULT
Appearance	Crystallin powder,white A.Infrared Absorption	Pass
Identification	B: It meets the requirements of the tests for chloride C: The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.	Pass
Assay	98.0%-102.0%	99.5%
Specific Rotation	+70.0° - +73.0°	+71.2°
pH (2%,25°C)	3.0-5.0	4.3
Loss on drying	Less than1.00%	0.11%
Residue on Ignition	NMT0.10%	0.08%
Organic Volatile Impurities	Meet requirements	Pass
Sulfate	NMT0.24%	Pass
Heavy Metal	NMT10ppm	Pass
Lead	NMT 3ppm	Pass
Arsenic (Measured in As)	NMT 3ppm	Pass
Mercury	NMT 1.0ppm	Pass
Cadmium	NMT 1.5ppm	Pass
Total Bacteria Count	≤1000cfu/g	Pass
Yeast & Mold	≤100cfu/g	Pass
Salmonella	Negative	Negative
E.Coli	Negative	Negative
Staphylococcus Aureus	Negative	Negative
Particle size	100% through 80 mesh	Pass
Storage: keep in an airtight container, protected from light.		

CONCLUSION: CONFORM TO USP43 REQUIREMENTS

CHECKER: 



PRINCIPAL: 