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Specification Sheet

Product Name	GLUCOSAMINE HCL
Shelf Life	3 years
ITEMS	**SPECIFICATION**
Assay (Dried Basis)	98.0 % - 102.0%
Appearance	White crystalline powder
Solubility	Freely soluble in water
Specific Rotation	$+47.0^0$ and $+53.0^0$
Ph	3.0 - 5.0
Loss on Drying	NMT 1.0%
Residue on Ignition	NMT 31.0%
Sulfate	NMT 16.5%
Arsenic	NMT 3 ppm
Heavy Metals	NMT 10ppm
Total Plate Count	NMT 1,000 cfu/g
Mold & Yeast	NMT100 cfu/g
E. Coli	Negative/1g
Salmonella	Negative/10g
Staphylococcus Aureus	Negative/1g
Pseudomonas Aeruginosa	Negative/1g

Storage: Store in a well-closed container away from moisture.

Note: The above information is based on the specifiction sheet 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)