

**Specification Sheet**

Product Name	D-Glucosamine Hcl		
Packing	25Kg/Drum	Shelf Life:	24Months

<b>Analysis</b>	<b>Specification</b>
Appearance	Crystalline powder, white
Assay (drying basis)	98% ~ 102%
Identification	A: Infrared Absorption B: It meets requirements of chloride C: HPLC
Specific Rotation	+70.0 ° ~ +73.0 °
PH value	3.0 ~ 5.0
Loss on drying	≤ 0.5%
Residue on Ignition	≤ 0.1%
Chloride	16.2 ~ 16.7%
Organic Volatile Impurities	Meet requirement
Bulk Density	≥ 0.6 g/ml
Mesh Size	40 mesh
Iron	≤ 10ppm
Heavy Metal	≤ 10ppm
Cd	≤ 1.0ppm
Hg	≤ 0.10ppm
Lead	≤ 3ppm
Arsenic	≤ 1ppm
Sulphate	≤ 0.24%
Total Aerobic Microbial Count	≤ 1000 cfu/g
Yeast and Mold	≤ 100 cfu/g
Escherichia Coli	Negative
Salmonella	Negative
<b>Conclusion:</b>	<b>Conform to USP34 Standard</b>