



南京禾健生物科技有限公司

NANJING HEALTH HERB BIO-TECH CO., LTD.

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规格书

SPECIFICATION

Product Name: Glucosamine Hydrochloride

Standard: USP37

Items	Specifications	Test Method
Appearance	Crystalline powder, white	VISUAL
Assay (drying basis)	98%~102%	USP
Identification	A: Infrared Absorption B: It meets requirements of chloride C: HPLC	USP<197K> USP<191> HPLC
Specific Rotation	+70.0°~+73.0°	USP<781S>
PH value	3.0~5.0	USP<791>
Loss on drying	≤1.0%	USP<731>
Residue on Ignition	≤0.1%	USP<281>
Chloride	16.2~16.7%	USP<221>
Organic Volatile Impurities	Meet requirement	USP<467>
Bulk Density	≥0.6 g/ml	USP<616>
Mesh Size	30 mesh	USP<786>
Iron	≤10ppm	USP<231>
Heavy Metal	≤10ppm	USP<231>
Cd	≤1.0ppm	USP<851>
Hg	≤0.10ppm	USP<851>
Lead	≤3ppm	USP<851>
Arsenic	≤1ppm	USP<851>
Sulphate	≤0.24%	USP<221>
Microbial Test		
Total Aerobic Microbial Count	≤1000 cfu/g	USP<2021>
Yeast and Mold	≤100 cfu/g	USP<2021>
Escherichia Coli	Negative	USP<2022>
Salmonella	Negative	USP<2022>

For and on behalf of
NANJING HEALTH HERB BIO-TECH CO., LTD.
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陈维林

Authorized Signature(s)