



# 扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

## SPECIFICATION

Product: Glucosamine HCL

Reference standard:USP 32

Specification	Standard
含量 Assay (drying basis)	98%~102%
鉴别 Identification	A:Infrared Absorption 197K.B:It meets the requirements of the tests for Chloride 191.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.
溶解性 Solubility	Soluble in water, slightly soluble in alcohol
旋光度 Specification Rotation	70° - 73°
P H值 PH value(2%.25° )	3.0~5.0
干燥失重 Loss on drying	≤1.0%
氯离子 Chloride	16.2-16.7%
硫酸根 Sulfate	≤0.24%
残渣 Residue on Ignition	≤0.1%
颗粒度 Mesh size	30 mesh
堆积密度 Bulk density	≥0.7g/ml
有机挥发物 Organic volatile impurities	Meet requirement
重金属 Heavy metal	≤0.001%
铁 Iron	≤10ppm
铅 Lead	≤3ppm
镉 Cadmium	≤1ppm
汞 Mercury	≤0.1ppm
砷盐 Arsenic	≤1ppm
微生物检测 Microbial Limits	
总菌数 Total aerobic microbial count	≤1000cfu/g
杂菌数 Yeast Mold	≤100cfu/g
大肠杆菌 E-Coli	Negative
沙门氏菌 Salmonella	Negative
级别 Distinction	Food grade
外观 Appearance	Crystallion powder,white
存贮条件 Storage condition	Cool and dry condition
保质期 Shelf life	2years
结论 Conclusion	Conform to USP 32requirements

Conclusion: Qualified

Inspector: 工号-01

Checker: 工号-03