



扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

SPECIFICATION

Product: Glucosamine sulfate.2kcl

Reference standard:USP 36

指 标 Specification	标 准 Standard
含量 Assay (drying basis)	98%~102%
鉴别 Identification	A.Infrared absorption B.Tests for chloride,potassium,and sulfate C.Retention time in the Assay transmittancy D: In the test for content of sulfate, after the addition of barium chloride TS a white precipitate is formed.
旋光度(Specification Rotation)	47° - 53°
P H 值 PH value(2%.25°)	3.0~5.0
干燥失重 Loss on drying	≤1%
残渣 Residue on Ignition	26.5%~31.0%
有机挥发物 Organic volatile impurities	Meet requirement
硫酸根 Sulfate	15.5-16.5%
钠离子 Sodium	Meet requirement
氯离子 Chloride	11.1%~12.3%
重金属 Heavy metal	≤10ppm
钾 Potassium	11.7-13.0%
铁 Iron	≤10ppm
铅 Lead	≤3ppm
镉 Cadmium	≤1ppm
汞 Mercury	≤0.1ppm
砷盐 Arsenic	≤1ppm
颗粒度 Mesh size	40-80mesh
堆积密度 Bulk density	≥0.7g/ml
利用密度 As tapped density	Meet requirement
微生物检测 Microbial Limits	
总菌数 Total aerobic microbial count	≤500cfu/g
杂菌数 Yeast Mold	≤100cfu/g
大肠杆菌 E-Coli	Negative
肠形菌素 Coliforms	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	2 years
结论 Conclusion	Conform to USP 36 requirements