



扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

SPECIFICATION

Product: D-Glucosamine Sulfate 2Kcl

TEST METHOD: USP 36

Date:2026/05/05

| 指 标 Specification | 标 准 Standard |
|-----------------------------------|--|
| 含量 Assay (drying basis) | 98%~102% |
| 鉴别 Identification | A.Infrared Absorption B: IDENTIFICATION TESTS—GENERAL,Chloride and Potassium: Meets the requirements. C.The retention time of the glucosamine peak of the Sample solution corresponds to that of the Standard solution,as obtained in the Assay. 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 |
| 重金属 Heavy metal | ≤0.001% |
| 砷盐 Arsenic | ≤1ppm |
| 铅 Lead | ≤3ppm |
| 镉 Cadmium | ≤1ppm |
| 汞 Mercury | ≤0.1ppm |
| 颗粒度 Mesh size | 30 mesh |
| 溶剂残留 Residue of Ethanol | ≤5000ppm |
| 堆积密度 Bulk density | ≥0.7g/ml |
| 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 |
| 沙门氏菌 Salmonella | Negative |
| 级别 Distinction | Food grade |
| 外观 Appearance | Crystalline powder,white |
| 存贮条件 Storage condition | Preserve in tight, light-resistant containers |
| 保质期 Shelf life | 2 years |

