



扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

D-Glucosamine sulfate.2Kcl Flow chart

甲壳素分检

Acceptance and testing of chitin biomass according to acceptance criteria(Chitin from shrimp/crab shell)

weighing 称重

loading into hydrolysis reactor 水解

Hydrolysis of chitin with HCl 水解 90 °C 2hours

cooling 冷却

transfer to crystallisation tank 放入结晶

crystallization 结晶

Centrifugation to harvest crude product 结晶分离 20 °C 3 hours

dissolution in water 溶于水

transfer to new tank 转移进新釜

Decolorisation with activated charcoal 脱色 50 °C 1 hour

Filtration of purified, solubilised product 过滤

Concentration and crystallisation under vacuum 真空浓缩 60 °C 3 hours

Centrifugation to harvest crystals 结晶

washing with EtOH 洗涤

centrifugation 离心

Drying 烘干 90 °C 6 hours

milling 粉碎

sieving 过筛

Packaging of Glucosamine Hydrochloride crystals 分装

Mix with a certain ration of food grade K₂S04 拼混

Sieve 过筛

Packing 包装