



扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

D-Glucosamine HCL DC Flow chart

甲壳素分检

Acceptance and testing of chitin biomass according to acceptance criteria

weighing 称重

loading into hydrolysis reactor 水解

Hydrolysis of chitin with HCl 水解 20 C 2 小时

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 小时

dissolution in water 溶于水

transfer to new tank 转移进新釜

Decolorisation with activated charcoal 脱色 50 C 1 小时

Filtration of purified, solubilised product 过滤

Concentration and crystallisation under vacuum 真空浓缩 60 C 3 小时

Centrifugation to harvest crystals 结晶

washing with EtOH 洗涤

centrifugation 离心

Drying 烘干 90 C 6 小时

milling 粉碎

sieving 过筛

Packaging of Glucosamine Hydrochloride crystals 分装

React with a certain ration of food grade K_2SO_4 反应

Granulating with HPMC 造粒

Sieve 过筛

Packing 包装

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