D-Glucosamine HCL Flow chart

Acceptance and testing of corn biomass according to acceptance criteria

↓

weighing 称重

↓

loading into hydrolysis reactor 水解

↓

Hydrolysis 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

↓

Packing 包装

中国江苏高邮武安路 58 号 邮编 225601 电话：0086-514-84549155 传真 0086-514-84549297
No58WuanRD,GaoyouCity,Jiangsu,China PO. 225601 TEL:0086-514-84549155 FAX:0086-514-84549297
http://www.rxgp.com email:jsrx@gaoyou.com