# Manufacturing flow chart

Chondroitin Sulphate Shark

Health Shark cartilage —[extract]→ extractive liquid —[enzyme method] HCl protease→

**NaOH NaCl 6～8h** **45℃～50℃ PH8.5～9**

filter liquid —[precipitation once]→ precipitate once —solution filter→

**alcohol 55～60° 6~8h** **NaCl 70℃**

filter liquid(clean) —[oxygenate]→ filter liquid —[refined filter]→

**$H_2O_2$ 8～12 PH 10～11**

**filter liquid** —[precipitation twice]→ **precipitate twice** —[dehydrate]→

**alcohol 70° PH 6.5～7.5**

semi finished product(wet) —[drying]→ **semi finished product(dry basis)**

—**aseptic packing**→ **Chondroitin sulfate Shark**

**Grinding**