

Viscosity Testing Method for HPMC

1.Instrument:

NDJ-1(Equivalent to Brookfield LVT) type spin viscosimeter

Constant temperature water bath: Attached with auto-stirring setting as well as galvanothermy setting which can adjust temperature accurately.

Thermometer:0.1°C/scale

2.Confect of 2% solution:

Take certain quantity of samples under 105-110°C and weigh up accurately.Put them into 250ml of beaker and then add some water of 80-90°C to make into 2% solution.Stirring sufficiently for about 10 minutes and cooling down in ice bath.Keeping stirring through the processing of cooling down.Getting rid of air bubble and adjusting quantity.

3.Testing procedure

Keeping the above 2% solution under constant temperature water bath $20\pm 0.1^{\circ}\text{C}$ and testing viscosity with proper rotor by NDJ-1(Equivalent to Brookfield LVT) type spin viscosimeter.