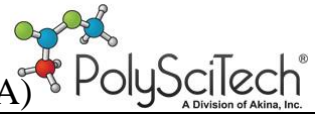
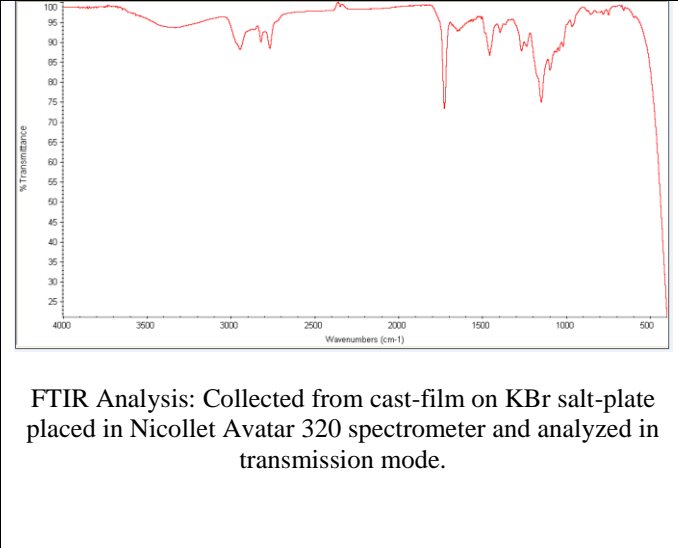
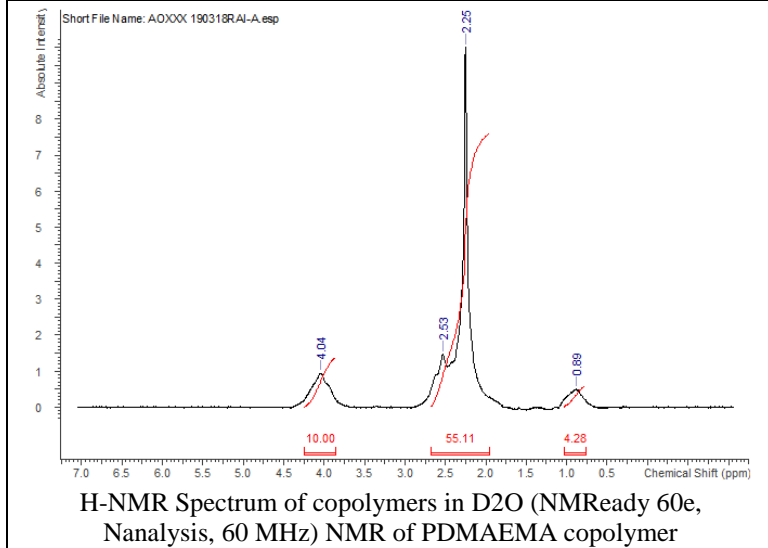


No. AO056

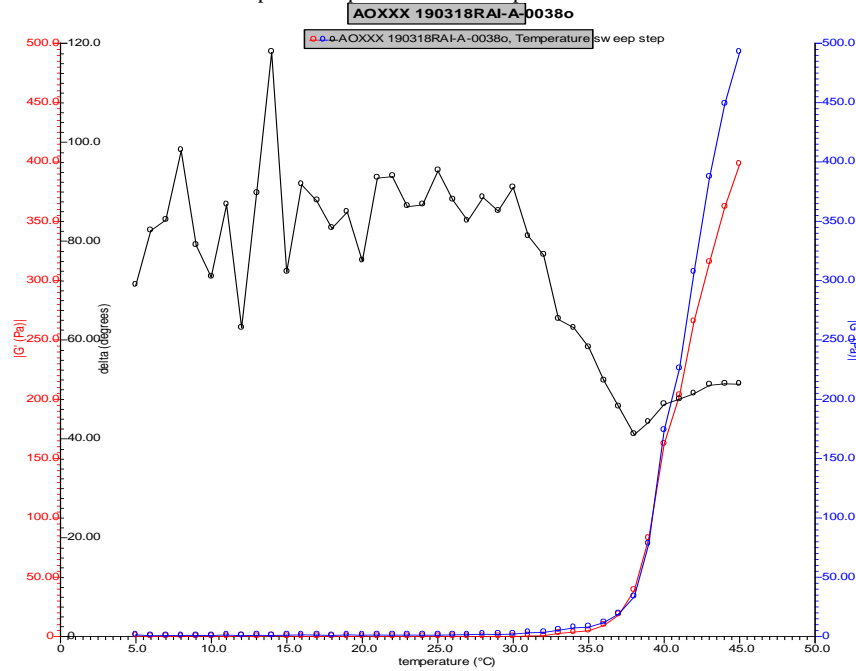
Certificate of Analysis



Product Name: Poly(dimethylaminoethyl methacrylate) (Lot #190318RAI-A)



Rheology performed on AR2000 (TA instruments) with 60mm 2degree cone on 20% w/v polymer in water dissolved over 3 days with stirring at 4°C. Viscosity of solution at 0.1 (sec⁻¹) and 5°C was measured (1minute peak hold 5 second test intervals). Rheology performed by oscillating at constant 6.283 rad/s, 0.1% strain, in increments of 1°C ranging from 5-45°C with 1 minutes of temperature equilibration at each point.



Viscosity 20% w/v solution at 5°C | 0.3444 Pa/s

Structure of Poly(dimethylaminoethyl methacrylate)

