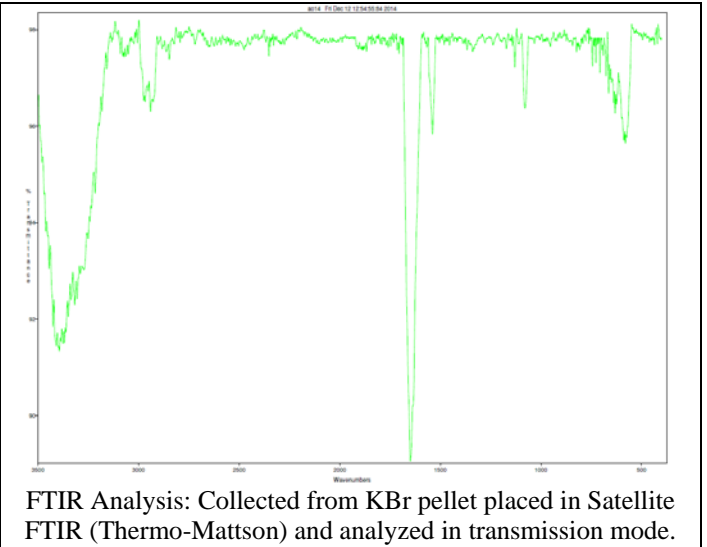
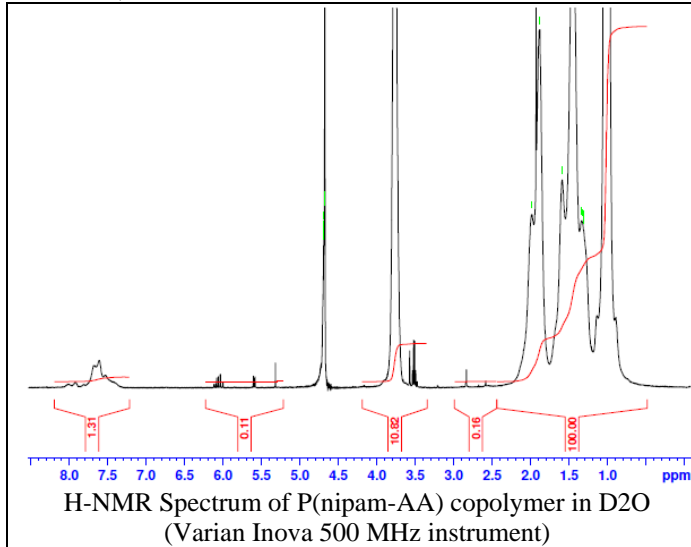


No. AO014

Certificate of Analysis



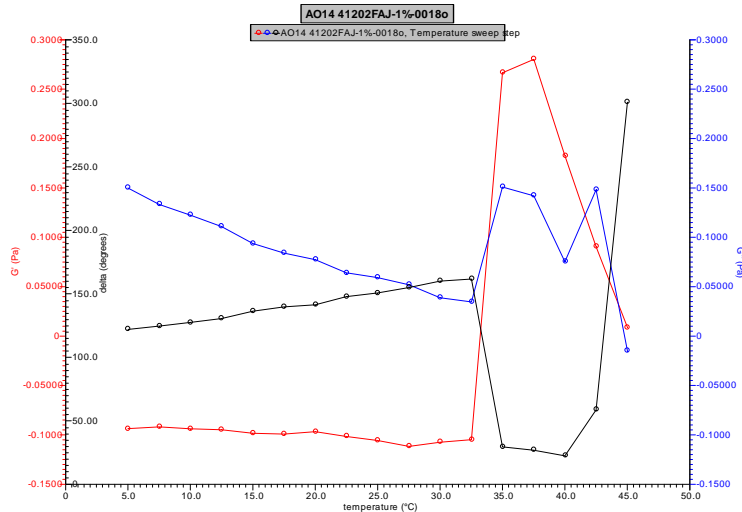
Product Name: Poly(n-isopropylacrylamide-co-acrylamide) (Lot #41202FAJ) (REV:A structure)



• Rheology

Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on 1% w/v polymer in water dissolved overnight with stirring at 4C. Viscosity of solution at 0.1 (sec-1) and 5C 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 2.5C ranging from 5-45C with 3 minutes of temperature equilibration at each point.

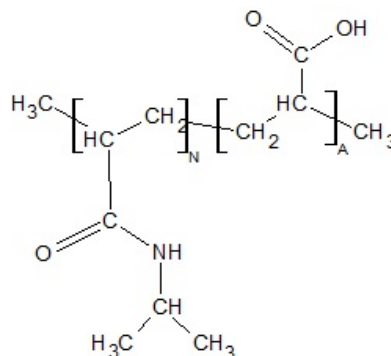
Rheology Chart



Viscosity 1% w/v solution at 5C

0.1835 Pa.s

Chemical Structure



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