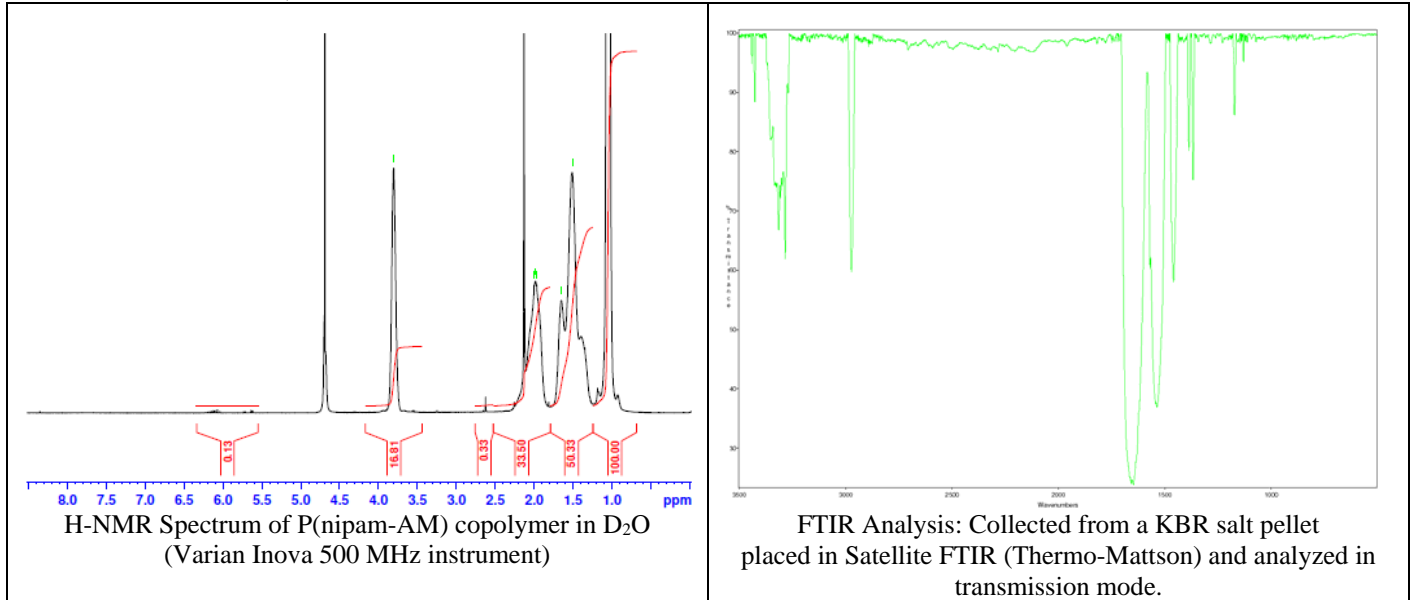


No. AO21

Certificate of Analysis



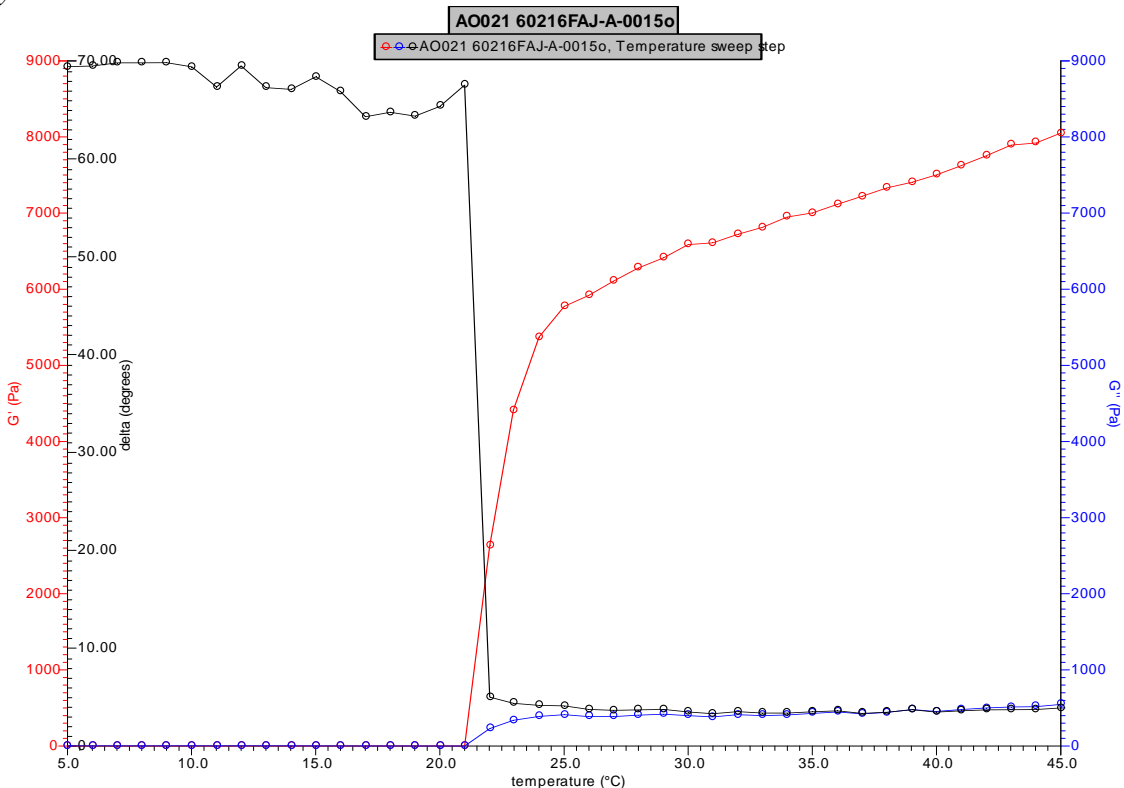
Product Name: Poly(n-isopropylacrylamide-co-acrylamide) copolymer (75:25 NIPAM:AM)
(Lot#: 60216FAJ-A)



Rheology

Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on 2% w/v polymer in distilled water dissolved over 2 days with shaking 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 1C ranging from 5-45C with 2 minutes of temperature equilibration at each point.

Rheology Chart



Viscosity ~2% w/v solution at 5C	0.7656 Pa.s
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