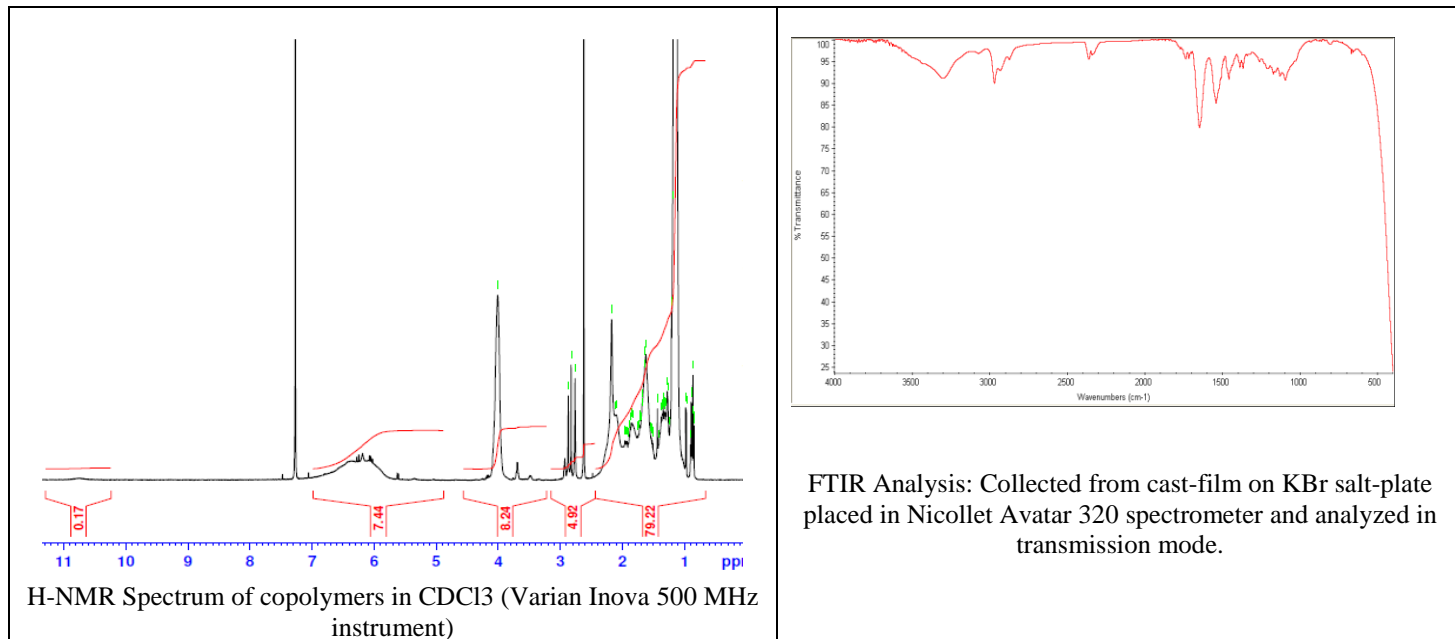


No. AI057

Certificate of Analysis



Product Name: Poly(N-isopropylacrylamide)-N-hydroxysuccinimide endcap
(Lot#: 181212FAJ-A)



H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument)

FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.

• Inherent Viscosity Analysis

Method: 2 g/dL solution of P(NIPAM)-NHS dissolved in methanol and viscosity tested using a Cannon mini-viscometer (C286) in a 25C water bath. Average of 3 times taken and viscosity compared to literature reported values for pure methanol at 25C to obtain inherent viscosity. Data shown as average \pm 95% confidence.

P(NIPAM)-NHS Inherent viscosity in MeOH (25°C)	0.212 \pm 0.021
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• Structure of P(NIPAM)-NHS polymer

