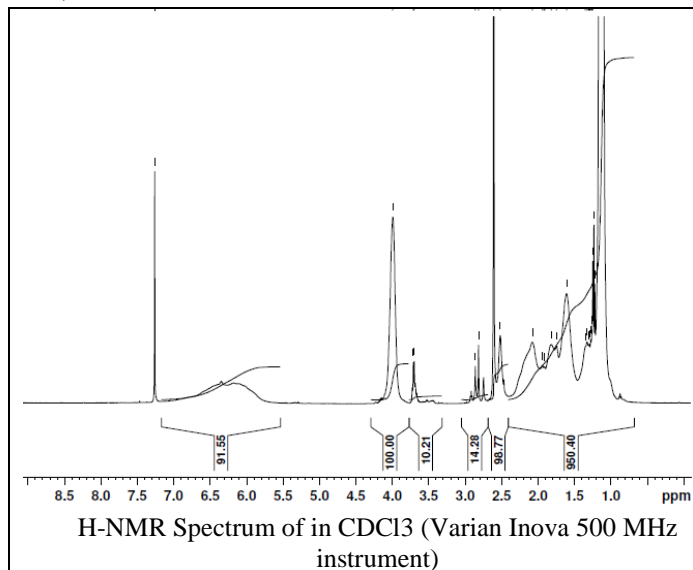


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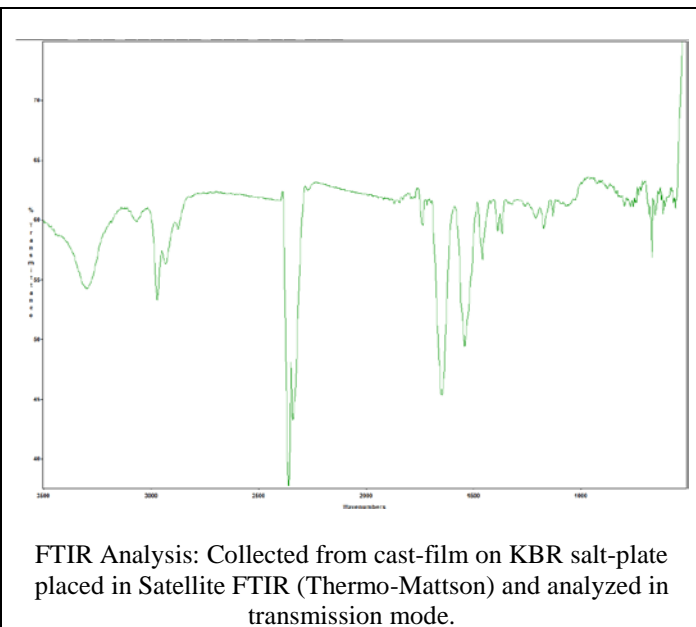
Certificate of Analysis

Product Name: Poly(N-isopropylacrylamide)-N-hydroxysuccinimide endcap (IV – 0.2-0.5 dl/g methanol 25C) (Lot#: 31120JSG)

H-NMR



FTIR



- **Inherent Viscosity Analysis**

Method: 2g/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 methanol (25°C)
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0.262 \pm 0.001 dl/g

- **Structure of P(NIPAM)-NHS polymer**

