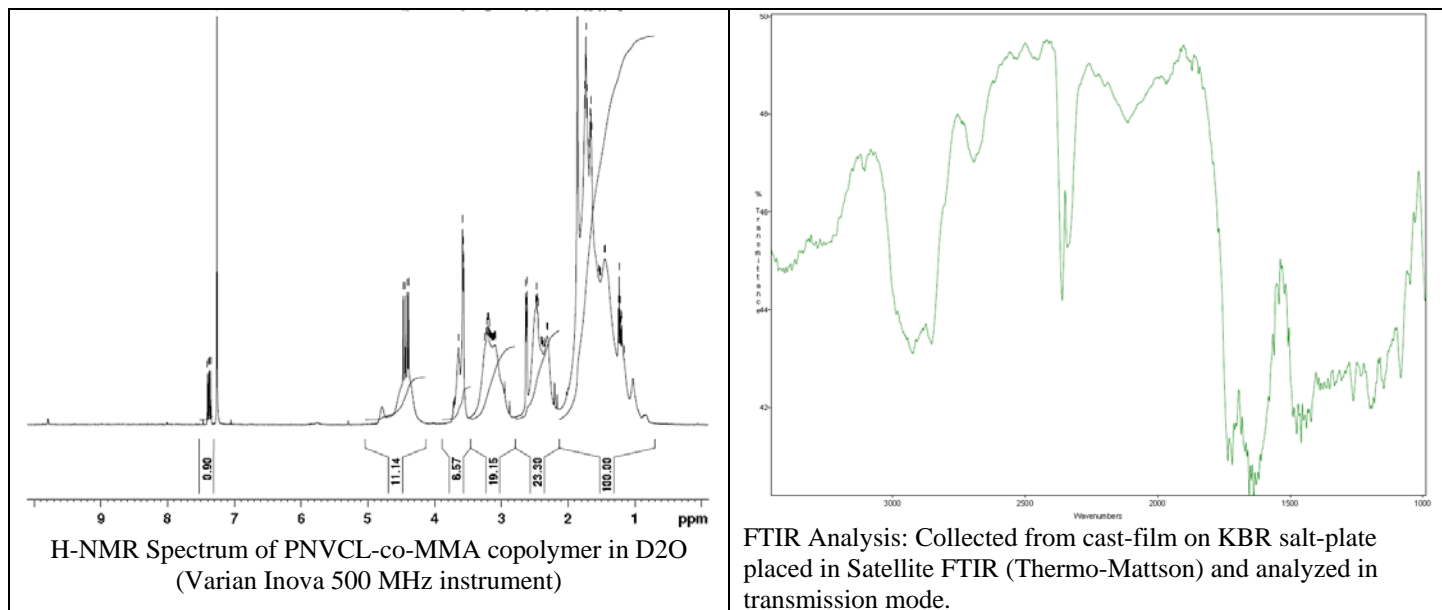


No. AO34 Certificate of Analysis

Product Name: Poly(n-vinylcaprolactam-co-methylmethacrylate) (90:10) (Inherent Viscosity 0.3-0.7 dL/g ethanol 30°C) (Lot#: 30409JSG)



Viscosity in Ethanol

Method: 1g/dL solution of polymer dissolved in USP grade ethanol and viscosity tested using a Cannon mini-viscometer (C286) in a 30C water bath. Average of 3 times taken and viscosity compared to literature reported values for pure ethanol at 30C to obtain inherent viscosity.

Inherent Viscosity 1% solution at 30C (± STDEV)	0.51 ± 0.04
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- Structure of PNVCL-co-MMA copolymers

