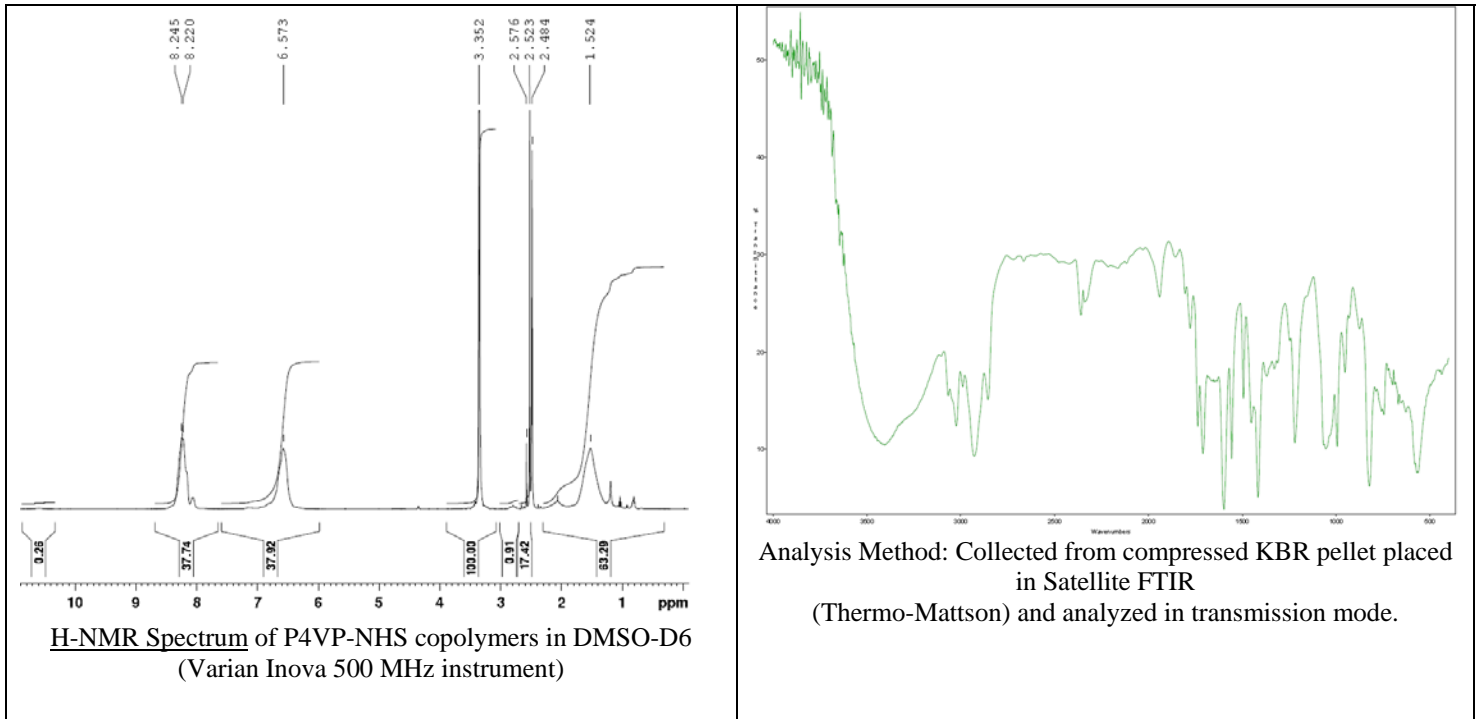


No. AI55

Certificate of Analysis

Product Name: Poly(4-vinylpyridine)-N-hydroxysuccinimide endcap (P4VP-NHS)(IV ~0.1-0.2)
(Lot#: 31002JSG)



- **Viscosity in Ethanol**

Method: 2g/dL solution of P4VP-NHS 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. Data shown as average \pm 95% confidence.

P4VP-NHS Inherent Viscosity in Ethanol (30C)	0.134 dL/g (\pm 0.003)
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- **Structure of P4VP-NHS copolymers**

