

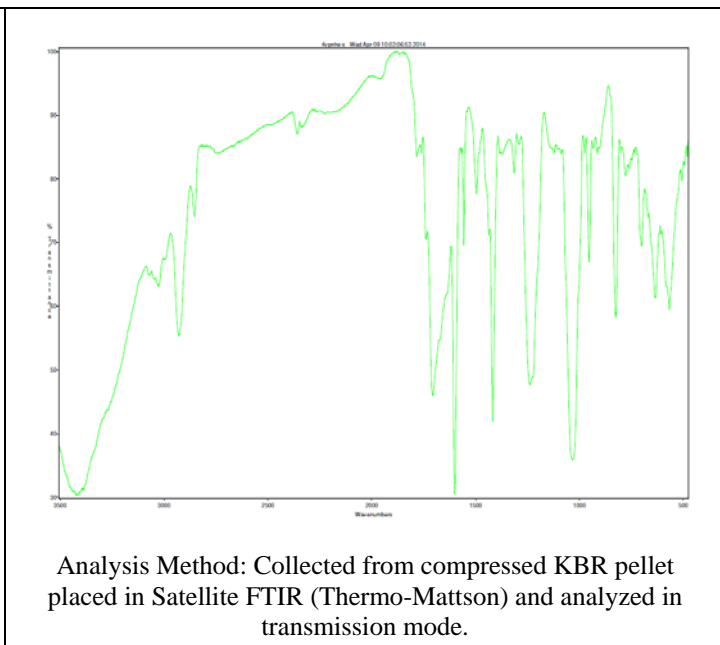
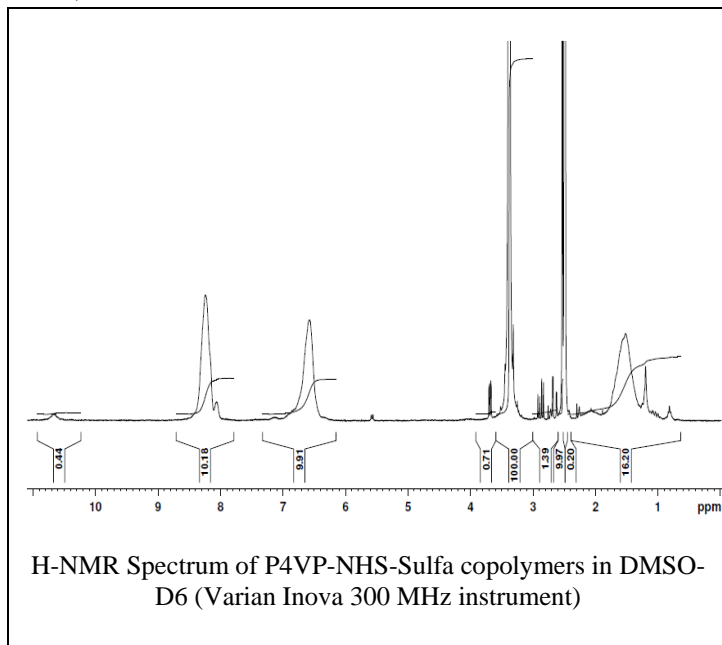
# No. AI70

# Certificate of Analysis

Product Name: Poly(4-vinylpyridine)-N-Hydroxysuccinimide-Sulfa (P4VP-NHS-Sulfa)(IV 0.01-0.1) (Lot#: 40328JSG)

## H-NMR

## FTIR



- Viscosity in Ethanol**

**Method:** 2g/dL solution of P4VP-COOH precursor dissolved in USP grade ethanol and viscosity tested using a Cannon mini-viscometer (C286) in a 30C water bath. Average of 2 times taken and viscosity compared to literature reported values for pure ethanol at 30C to obtain inherent viscosity. Data shown as average ± 95% confidence.

P4VP-NHS-Sulfa Inherent Viscosity in Ethanol (30C)	0.069 ± 0.036
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- Structure of P4VP-NHS-Sulfa copolymers**

