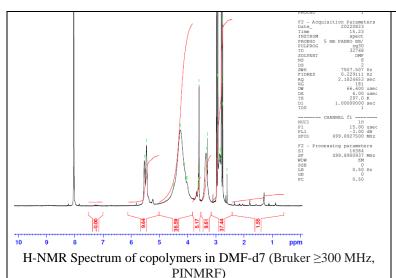
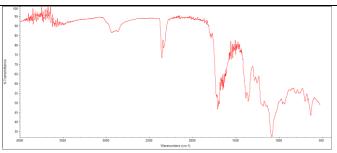
## No. AI239

## Certificate of Analysis

Product Name: Methoxy-Poly(ethylene glycol)-b-Poly(Succinimide)

 $(Mw \sim 5,000 : 10,000 Da)$  (Inherent Viscosity 0.1 - 0.3 dL/g) (Lot# 220809JSG-A)





PolySciTech

FTIR Analysis: Collected from Nicollet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.

• Inherent Viscosity

innerent viscosity	
Condition	Rheosense Microsvisc, 1 g/dL in DMF at 25 °C, AVG ± STDEV
	(N=3)
Inherent Viscosity	0.111 <u>+</u> 0.002
Derived Molecular weight	16,558 ± 360
(Mark-Houwink: $K = 0.0132$ , $\alpha = 0.76$ ; Vlasak et. al. 1979)	

## • Structure for mPEG-Poly(Succinimde)