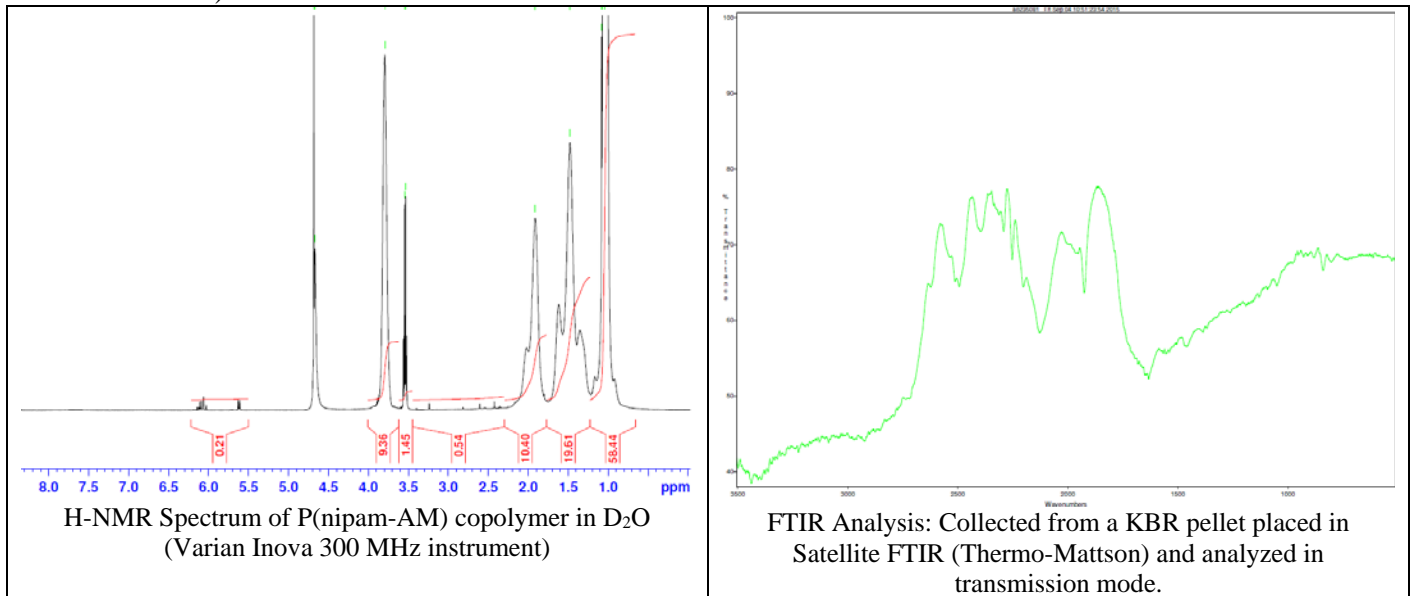


No. AO023

Certificate of Analysis



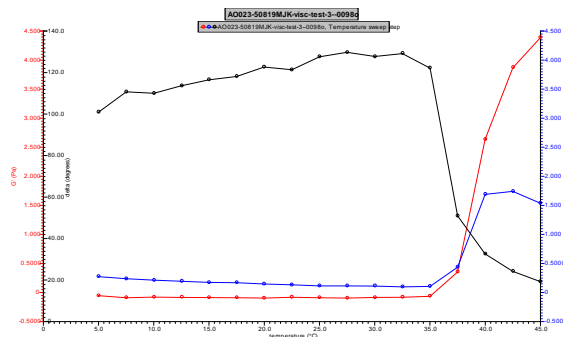
Product Name: Poly(n-isopropylacrylamide-co-acrylamide) copolymer (95:5) (Lot# 50819MJK)
(REV:A structure)



• Rheology

Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on ~2% w/v polymer in water dissolved overnight with stirring at 4C. Viscosity of solution at 0.1 (sec-1) and 5C was measured (1minute peak hold 5 second test intervals). Rheology performed by oscillating at constant 6.283 rad/s, 0.1% strain, in increments of 2.5C ranging from 5-45C with 3 minutes of temperature equilibration at each point.

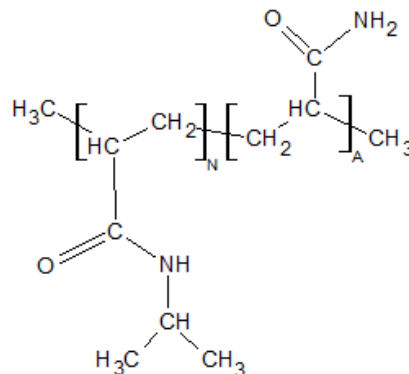
Rheology Chart



Viscosity ~2% w/v solution at 5C

0.6398 Pa.s

Chemical Structure



Material for research use only. Not for human use.

PolySciTech Division of Akina, Inc. | 3495 Kent Avenue, West Lafayette, IN 47906

765-464-0390 | www.polysciotech.com

For research use only.