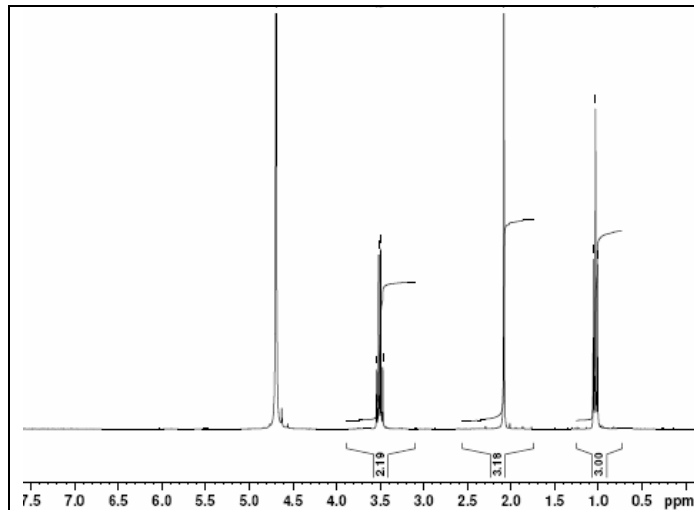


No. Kito-5

Certificate of Analysis

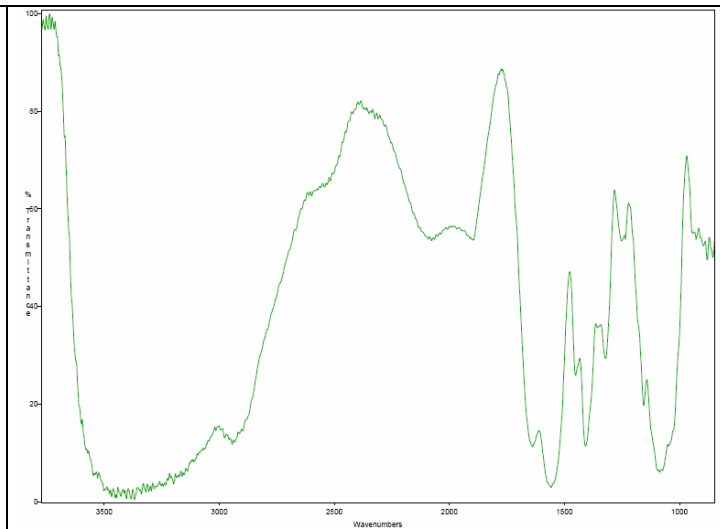
Product Name: Chitosan-b-poly(acrylic acid) (41% mole AA grafting/mole chitosan by HNMR analysis) (Lot# 20914JSG)

H-NMR



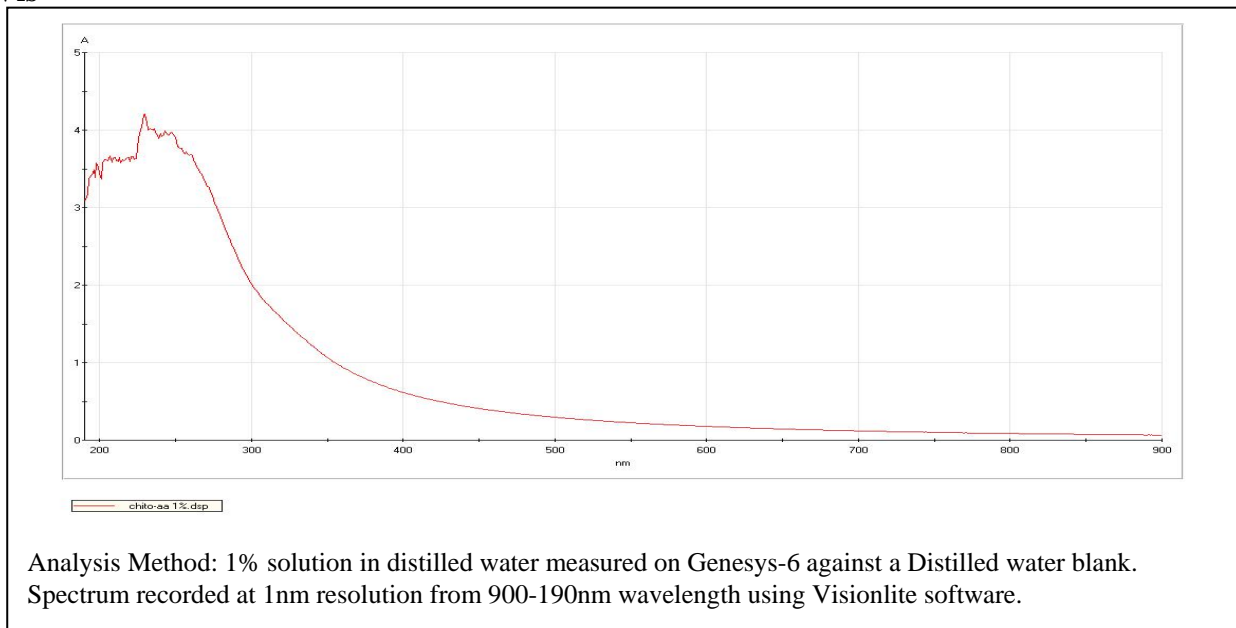
H-NMR Spectrum of Chitosan-AA polymer in D₂O
(Varian Inova 500 MHz instrument) (3.5ppm – chitosan 1H,
1.1ppm-2H AA) 41% AA/Chitosan residue m/m)

FTIR



FTIR Analysis: Collected from cast-film on KBR pellet placed
in Satellite FTIR (Thermo-Mattson) and analyzed in
transmission mode.

UV-Vis



• Chemical Structure

