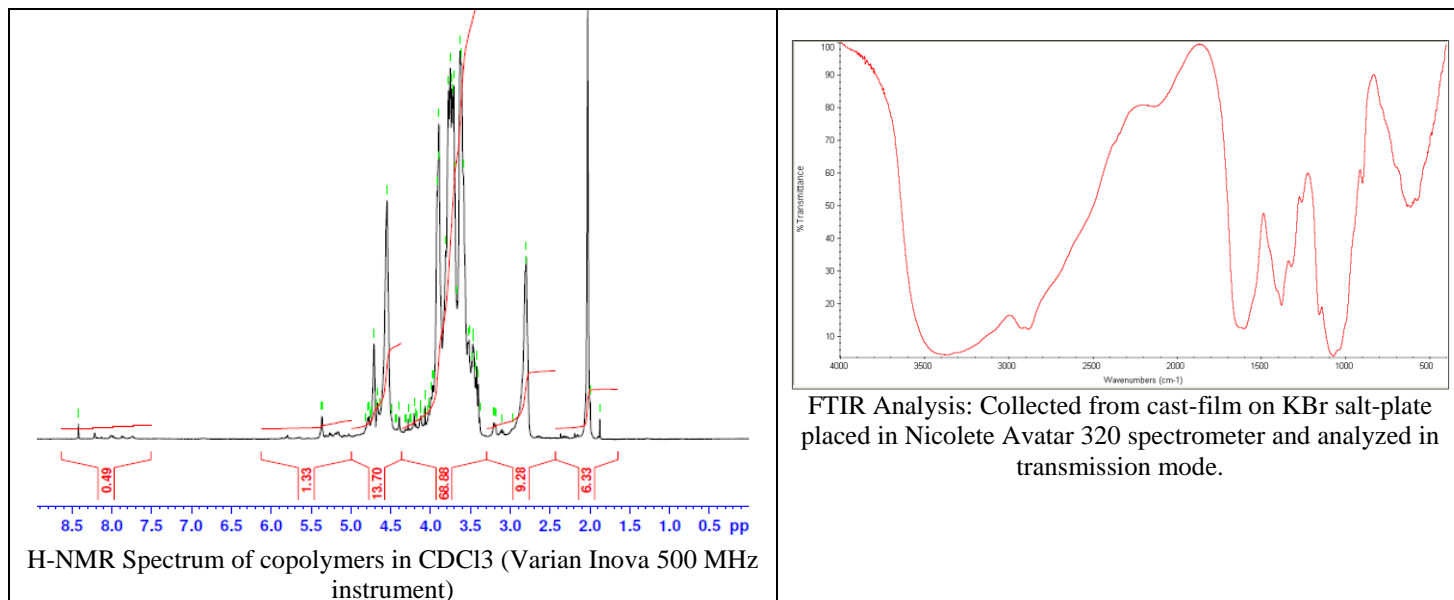


No. KITO-1

Certificate of Analysis

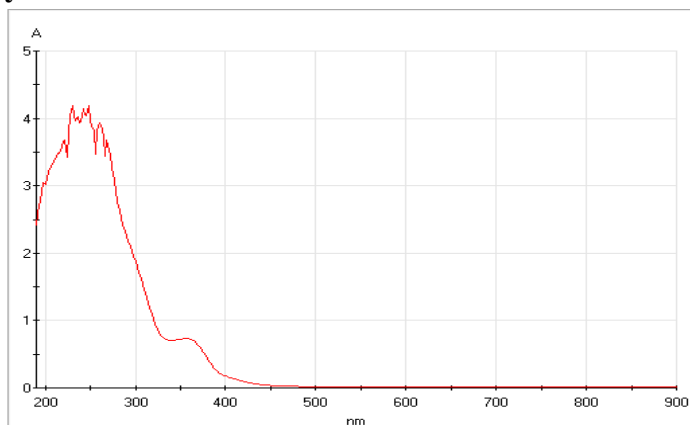


Product Name: Chitosan low molecular weight water soluble oligomer
(Lot# 181212AHT-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolette Avatar 320 spectrometer and analyzed in transmission mode.

- **UV-Vis analysis of Chitosan-Oli monomer**



Analysis method: Kito-1 1% solution in deionized H₂O performed on Genesys10 spectrophotometer (Thermo Electron Corporation).

- **Inherent Viscosity (IV): 0.103g/dL ± 0.020**

Polymer dissolved in deionized water at a concentration of 1% and viscosity tested using a rheosense microviscometer with temperature control at 25 °C.

- **Structure of Chitosan-Oli monomer**

