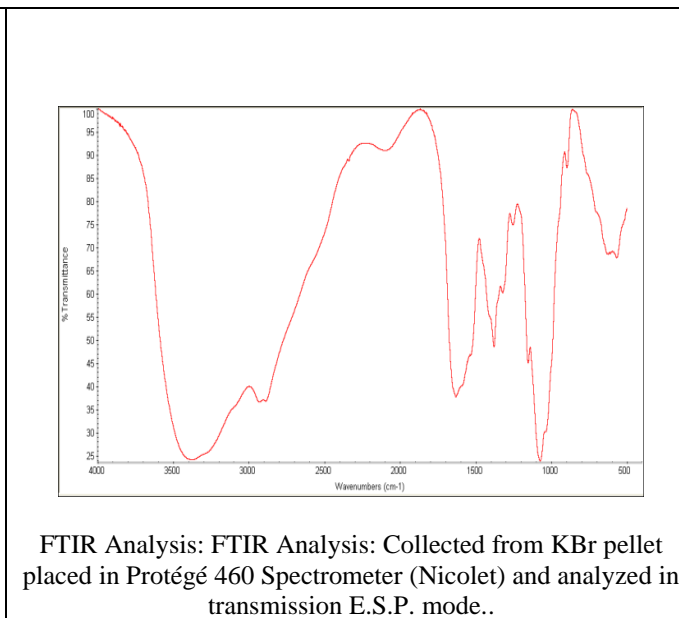
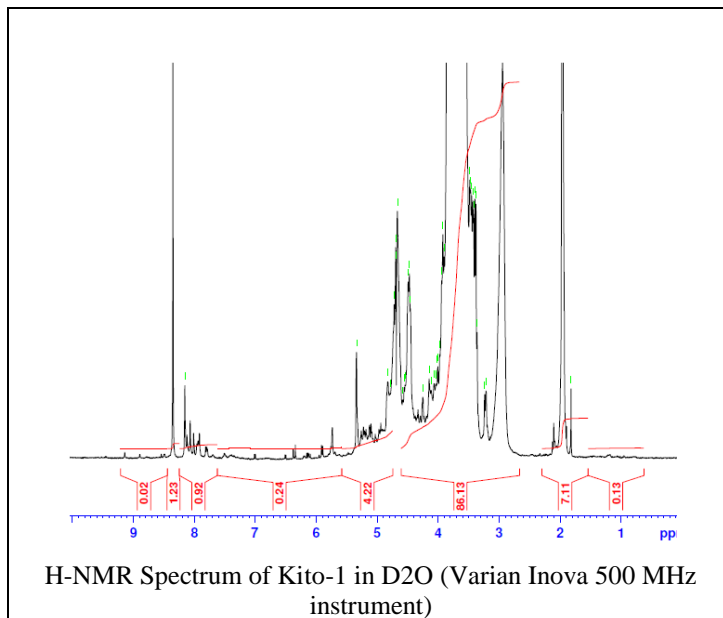


# No. KITO-1 Certificate of Analysis

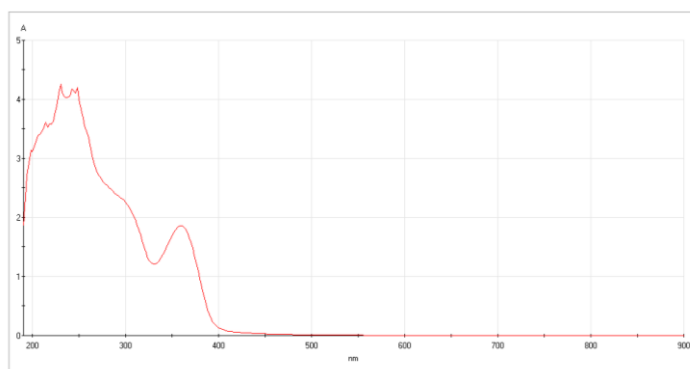
Product Name: Chitosan low molecular weight water soluble oligomer (Batch# 70418FAJ –A)

**H-NMR of Chitosan-Oli monomer**

**FTIR**



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

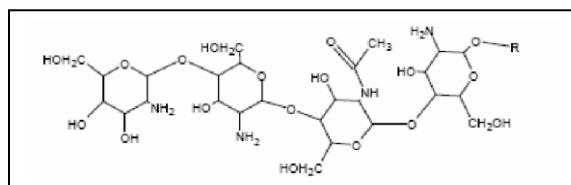


Analysis method: Kito-1 1% solution in deionized H2O performed on Genesys10 spectrophotometer (Thermo Electron Corporation).

- Inherent Viscosity (IV): 0.112 g/dL ± 0.004**

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**



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

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