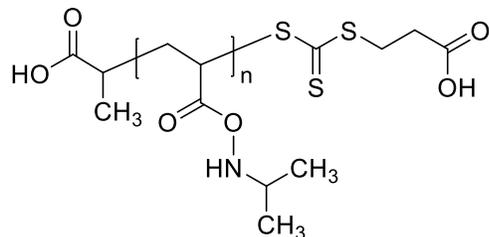


Sample Name: Poly(N-isopropylacrylamide), RAFT-agent terminated

Sample #: P16035-NIPAM-RAFT macroinitiator

Structure:



Composition:

Mn x 10 ³	PDI
4.0	1.4

Synthesis Procedure:

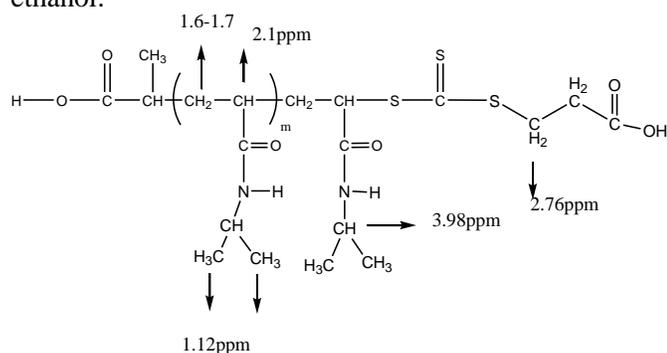
The poly(N-isopropylacrylamide) was prepared by RAFT controlled process.

Characterization:

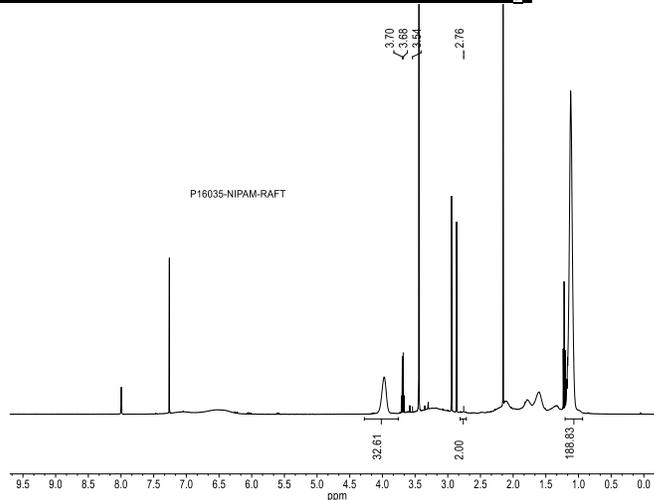
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography (SEC) in DMF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and light scattering detectors.

Solubility:

Poly(N-isopropylacrylamide) is soluble methanol, ethanol.



1H NMR spectrum of the product in CDCl₃:



SEC elugram of the polymer:

