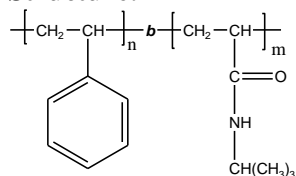


Sample Name: Poly (styrene-b-N-isopropyl acrylamide)

Sample #: P41122A-SNIPAM

Structure:



Composition:

Mn x 10 ³ S-b-NIPAM	Mw/Mn (PDI)
107.0-b-1.7	1.33**
For PS block:	T _g : 105°C
For SNIPAM block	T _g : Not distinct
* composition by HNMR	** Disribution by SEC

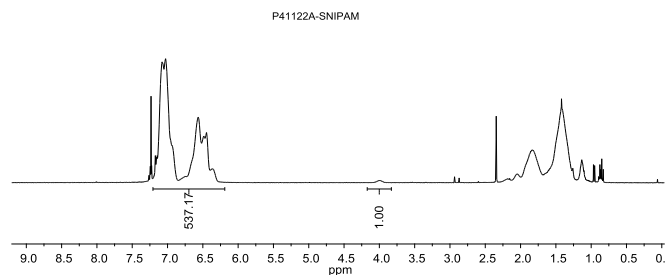
Synthesis Procedure:

Poly (styrene-b-N-isopropyl acrylamide) is prepared by RAFT Process.

Characterization:

The product was characterized by size exclusion chromatography (SEC), ¹H NMR and FTIR.

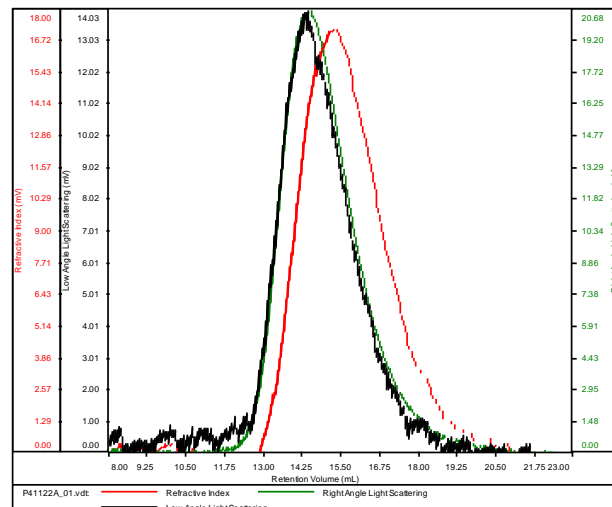
H-NMR spectrum of the Polymer:



SEC elugram of the Sample:

P41122A-SNIPAM

Conc	1.4301
dn/dc	0.1470
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-90k_2018-04-02-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41122A_01.vdt	108,752	145,206	125,704	1.335	0.4248