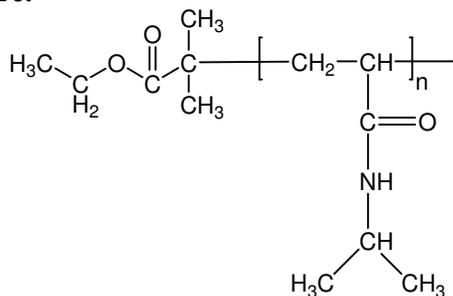


Sample Name: Poly(N-Isopropyl Acrylamide)

### SEC elugram of the polymer in DMF:

Sample #: P16045-NIPAM

Structure:



Composition:

Mn x 10 <sup>3</sup>	PDI
43.0	2.8

Synthesis Procedure:

Poly(N-isopropyl acrylamide) was prepared by ATRP polymerization process.

Characterization:

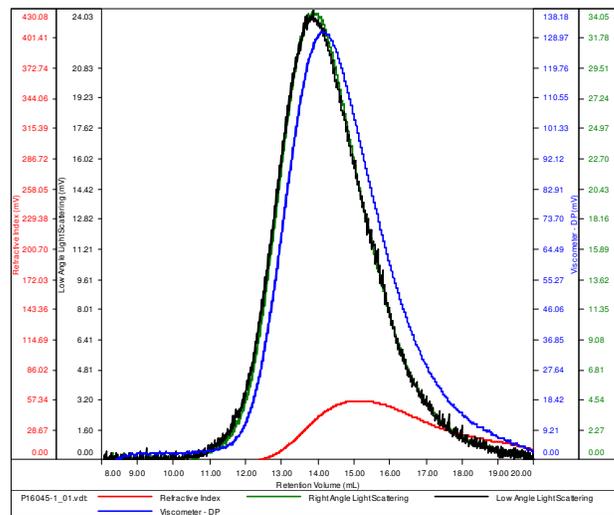
The polymer was characterized by SEC in DMF and <sup>1</sup>H NMR.

Purification of polymer:

Unreacted monomer was removed by dissolving the product in cold water, followed by warming the solution. The polymer separated out. This procedure was applied 2 times to remove the un-reacted monomer. The obtained polymer was dissolved in acetone and fractionated from hexane.

P16045-NIPAM

Conc (mg/mL)	10.6842
dn/dc (mL/g)	0.0770
Method	PS80k-May-25-2016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16045-1_01.vcl	43,047	124,396	105,498	2.890	0.4120