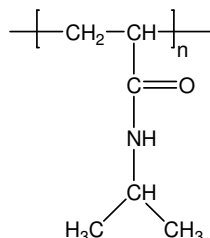


Sample Name: Poly(N-isopropyl acrylamide)

Sample #: P16058-NIPAM

This batch by ATRP process

Structure:



Composition:

Mn x 10 ³	PDI
319.0	3.6

Synthesis Procedure:

Poly(N-isopropyl acrylamide) is obtained by ATRP process.

Characterization:

The molecular weight and polydispersity index (PDI) of poly(N-isopropyl acrylamide) are obtained by size exclusion chromatography.

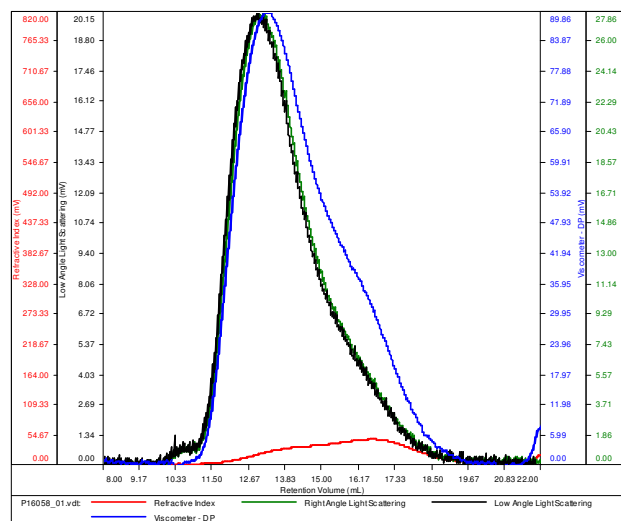
Solubility:

Poly(N-isopropyl acrylamide) is soluble in water, DMF, THF, acetone, insoluble in hexane and ether.

SEC elugram of Homopolymer:

P16058-NIPAM

Conc (mg/mL)	1.0000
dn/dc (mL/g)	0.0770
Method	PS80k-July-2016-0002.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16058_01.vcl	319,147	1.165 e 6	272,681	3.650	3.6825