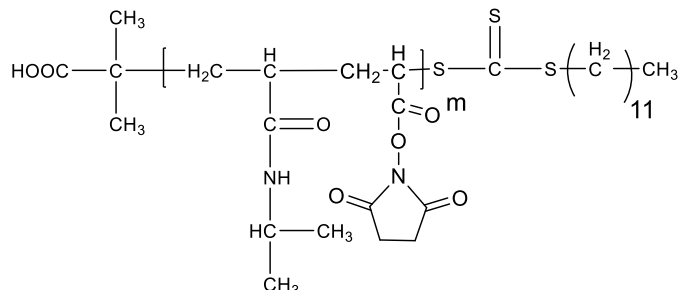


Sample Name:

Poly(N-isopropyl acrylamide-co-N-succinimidyl acrylate), random

Sample #: **P41722-NIPAMANHSran**

Structure:



Composition:

Mn x 10 ³	PDI
92.5	2.1
NIPAM : ANHS = 90:10 %	

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process.

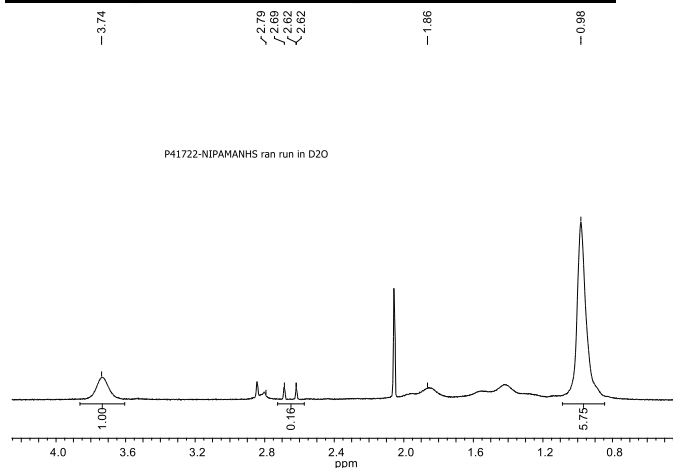
Characterization:

The polymer was characterized by SEC and ¹H NMR.

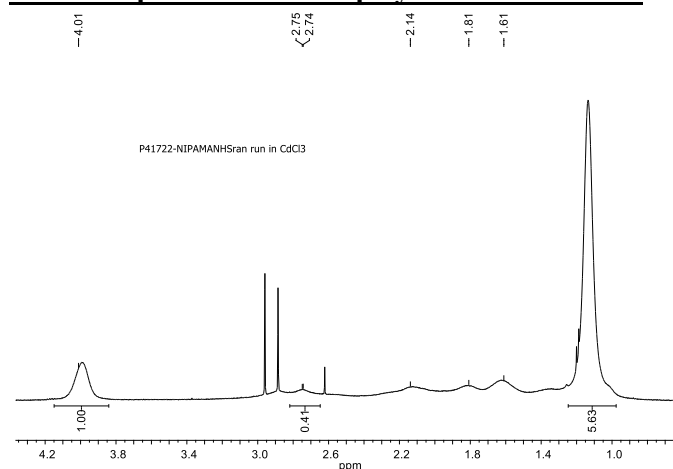
Solubility:

The polymer is soluble in THF, DMF, Acetone and water.

H-NMR Spectrum of the copolymer run in D2O:



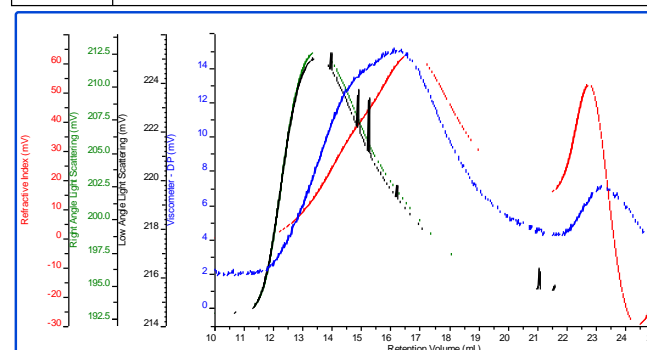
H-NMR Spectrum of the copolymer run in CdCl3:



SEC elugram of the copolymer:

P41722-NIPAMANHSran

dn/dc	0.0870
Flow	0.7000
Solvent	DMF with LiBr
Method	PSS column-PMMA60K-Jan3-2019-0002.vcm



Sample	Mn	Mw	Mz	IV	Mw/Mn
P41722_1_20	92,489	195,956	876,446	0.3138	2.119