<u>Sample Name</u>: **Poly(N-isipropylacrylamide), RAFT-terminated**

Sample #: P16066-NIPAM-RAFT macroinitiator

Structure:

Composition:

Mn x 10 ³	PDI
8.5	1.3

Synthesis Procedure:

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

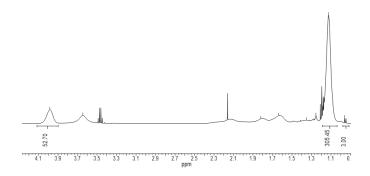
Characterization:

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:

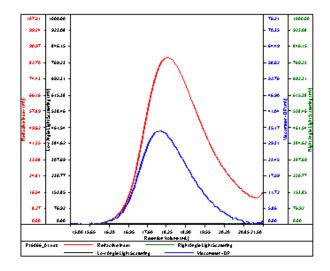
Poly(N-isipropylacrylamide) is soluble methanol, ethanol.

¹H NMR spectrum of the product in CDCl₃:



SEC chromatogram of the polymer:

Cana (mg/ml)	9.3096
dn/da (m L/g)	סיזתם
Method	PSSDk4May-25-2016-0000 ucm
Balvent	DIMF w D.DZ3M UBr
Calumn	PSS



Bample	Mn	Mar.	Mp	M::/Mn	IV
B. (B. () 1		44.00	44		
P16066_01ud1	8543	11,034	11,488	1.291	0.0796