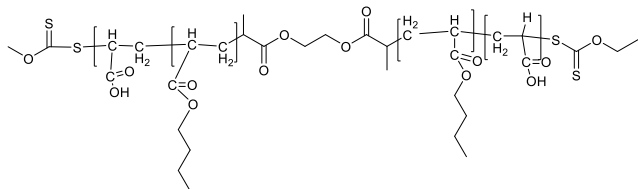


Sample Name:  
Poly(Acrylic acid-n-butyl acrylate-b-Acrylic acid)

Sample#: P42703-AA-nBuAAA

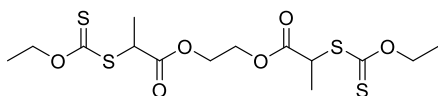
Structure:



Composition:

Mn x 10 <sup>3</sup>	PDI
4.0-b-7.5-b-4.0	1.3

**Synthesis Procedure:** The polymer is prepared by RAFT polymerization process using following bifunctional reagent:



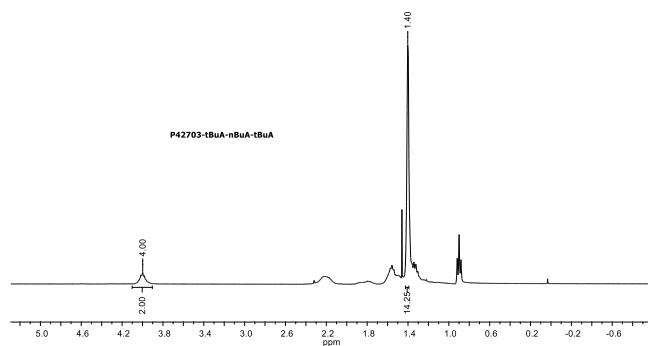
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR data analysis.

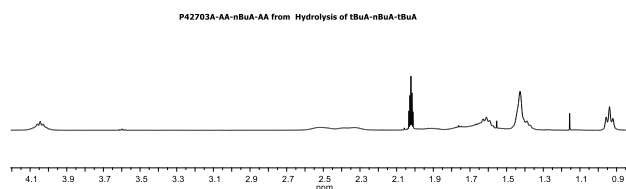
**Solubility:**

Polymer is soluble in THF and methanol.

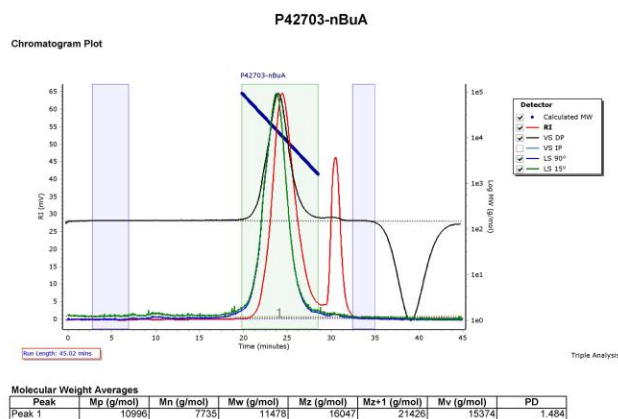
**<sup>1</sup>H-NMR spectrum of the polymer tBuA-nBuA-tBuA:**



**<sup>1</sup>H-NMR spectrum of the polymer AA-nBuA-AA run in d6 acetone:**



**SEC elugram of Sample of PnBuA RAFT macroinitiator:**



**SEC elugram of Sample of PtBuA-nBuA-tBuA:**

