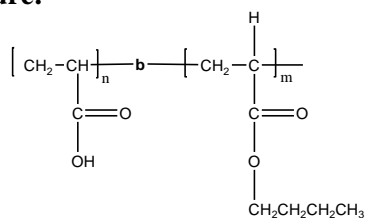


Sample Name: Poly(n-butylacrylate-b-acrylic acid)

Sample #: P42707A1-nBuAAA

Structure:

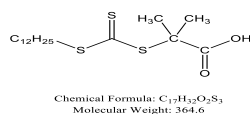


Composition:

Mn x 10 ³ PnBuA-b-AA	PDI
7.5-b-2.0	1.10

Synthesis Procedure:

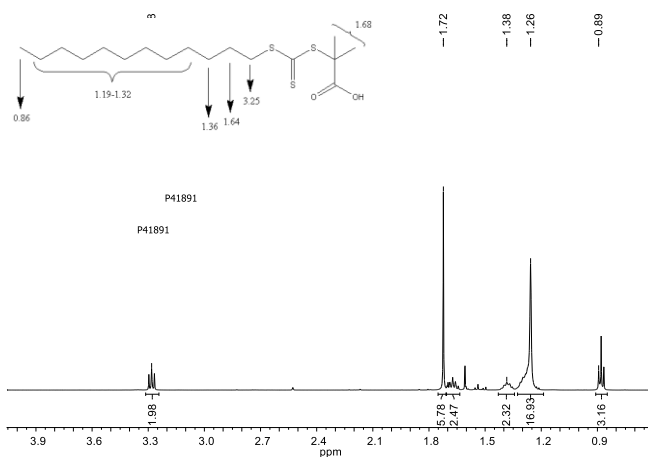
Poly(n-butylacrylate -b- acrylic acid) is prepared by RAFT process using following RAFT reagent :



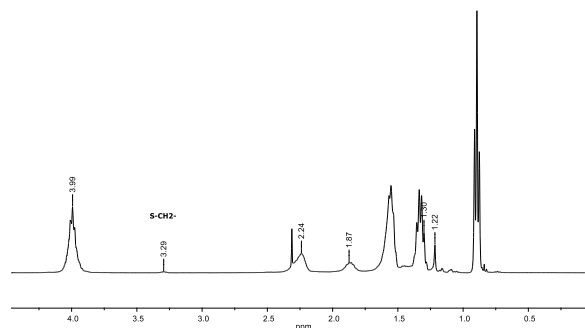
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H-NMR data analysis.

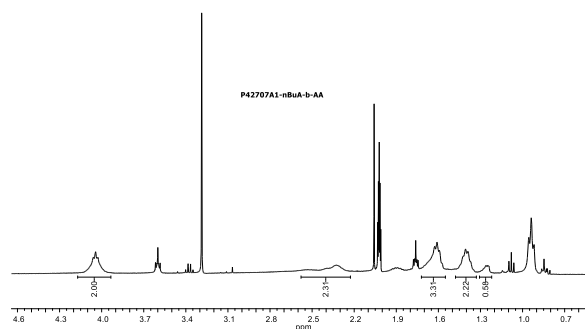
¹H-NMR spectrum of the RAFT:



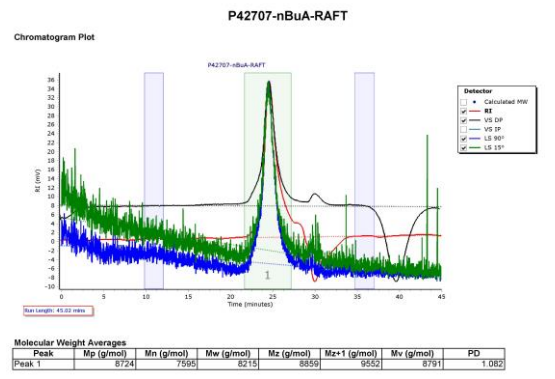
¹H-NMR spectrum of the PnBuA-RAFT:



¹H-NMR spectrum of the nBuA-AA run in acetone:



SEC elugram of the nBuA RAFT macroinitiator:



SEC of the nBuA-tBuA:

