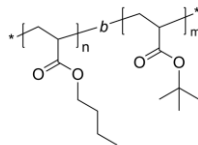


Sample Name:

Poly(n-butyl acrylate)-b-poly(t-butyl acrylate)

Sample #: **P42703C-nBuAtBuA**

Structure:

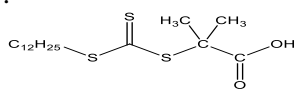


Composition:

| | |
|---------------------------------------|-----|
| Mn x 10 ³ PnBuA-b-PtBuA | PDI |
| 7.5-b-13.5 | 1.4 |

Synthesis Procedure:

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

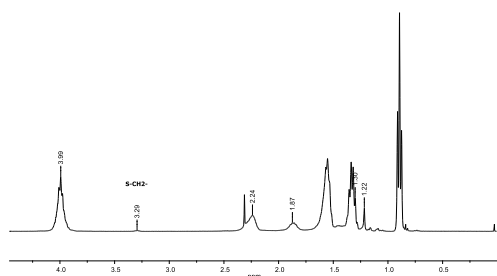


Chemical Formula: C₁₇H₃₅O₂S₃
Molecular Weight: 364.6

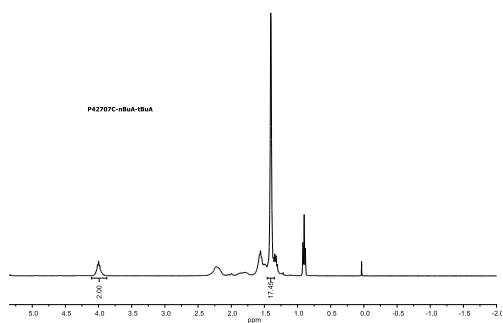
Characterization:

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

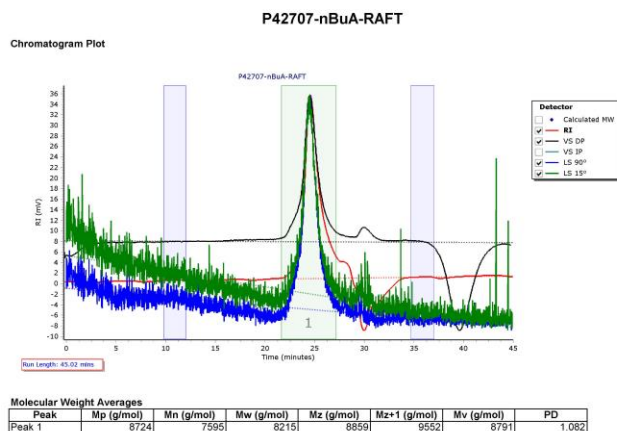
¹H NMR spectrum of the PnBuA-RAFT sample:



¹H NMR spectrum of the Sample:



SEC elugram of the nBuA-RAFT macroinitiator:



SEC elugram of the nBuA-tBuA Sample:

