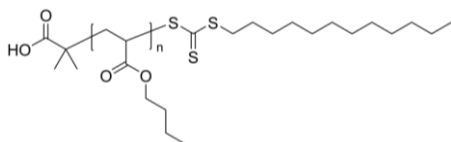


Sample Name: Poly(n-butyl acrylate), ω -RAFT-terminated

Sample #: P42707-nBuA-RAFT

Structure:

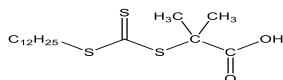


Composition:

Mn x 10 ³ PnBuA	PDI
7.5	1.08

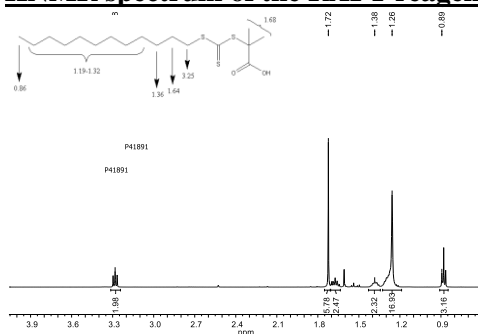
Synthesis Procedure:

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



Chemical Formula: C₁₇H₃₂O₂S₃
Molecular Weight: 364.6

HNMR spectrum of the RAFT reagent:



Characterization:

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

SEC of the nBuA RAFT macroinitiator:

