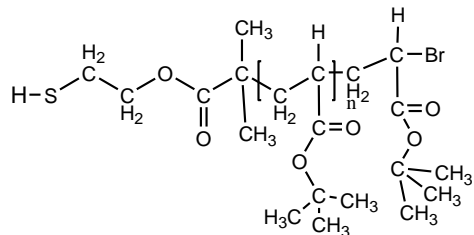


Sample Name: Thiol terminated Poly (tert. Butyl acrylate)

Sample #: P41481B-tBuASH

Structure:

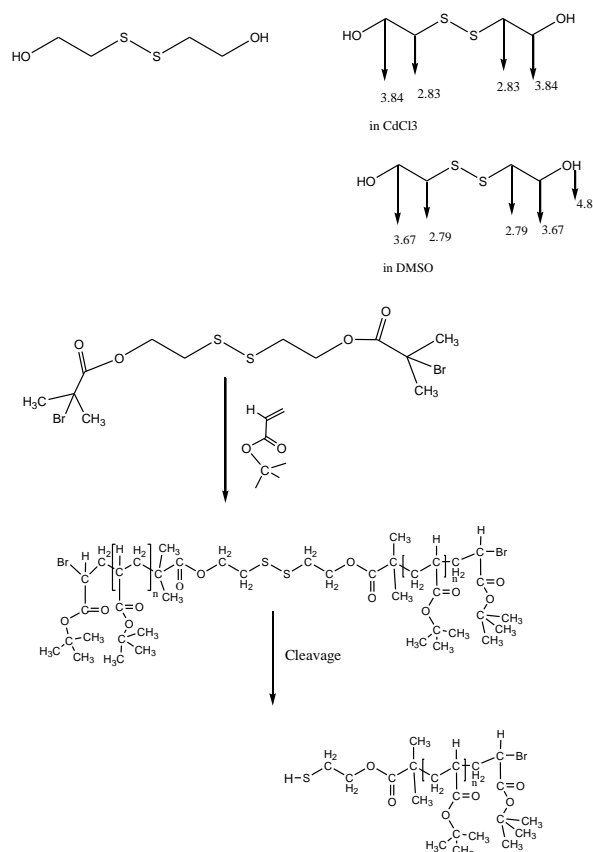


Composition:

$M_{w \times 10^3}$	PDI
19.5	1.27

Synthesis Procedure:

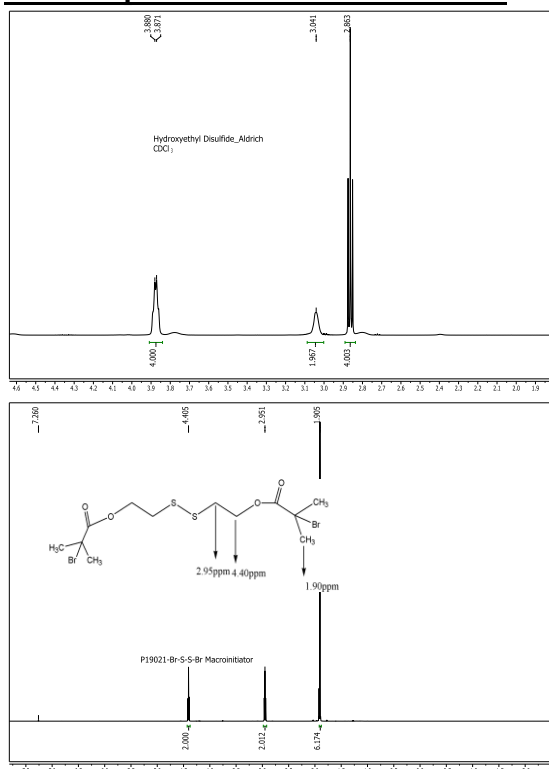
The polymer is prepared by ATRP polymerization process as illustrated below:



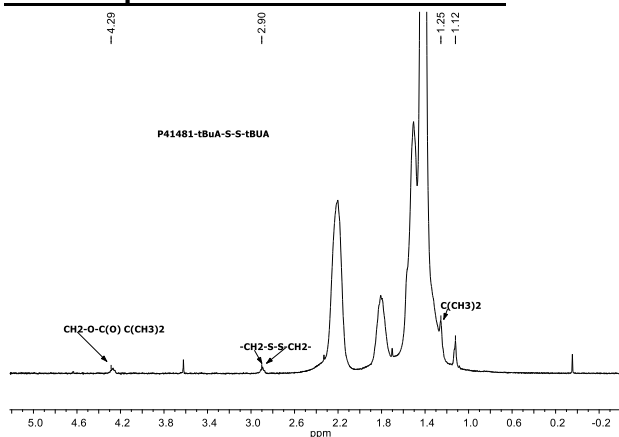
Characterization:

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

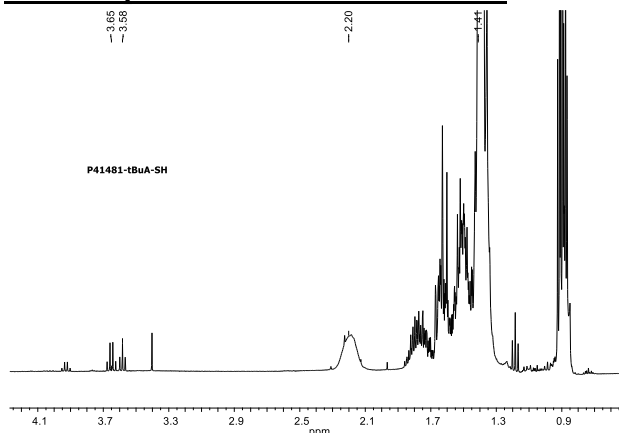
^1H NMR spectrum of the macroinitiator:



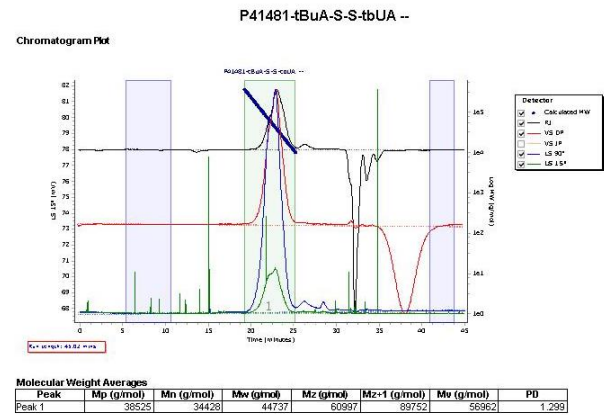
^1H NMR spectrum of the Disulfide form:



^1H NMR spectrum of the free thiol form:



SEC elugram of the PtBuA-S-StBuA:



SEC elugram of the PtBuA-S-H:

