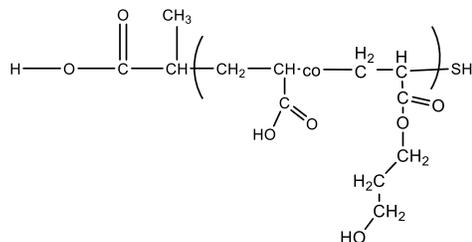


Sample Name: Poly(3-hydroxypropyl acrylate-co-acrylic acid), ω-thiol-terminated

Sample #: P44393-HPAAAran-SH

Structure:



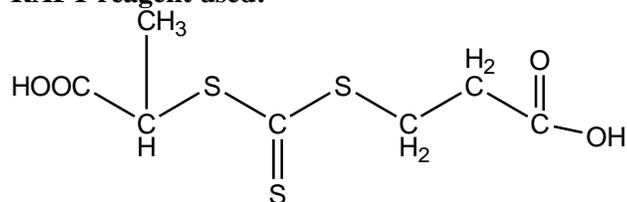
Composition:

| | |
|-------------------------------------|-----|
| Mn x 10 ³ PHPA-AA ran | PDI |
| 4.0 | 1.6 |
| 3-hydroxy propyl acrylate: 15 mole% | |

Synthesis Procedure:

The product was prepared by RAFT polymerization process. RAFT moiety cleaved by Isopropylamine.

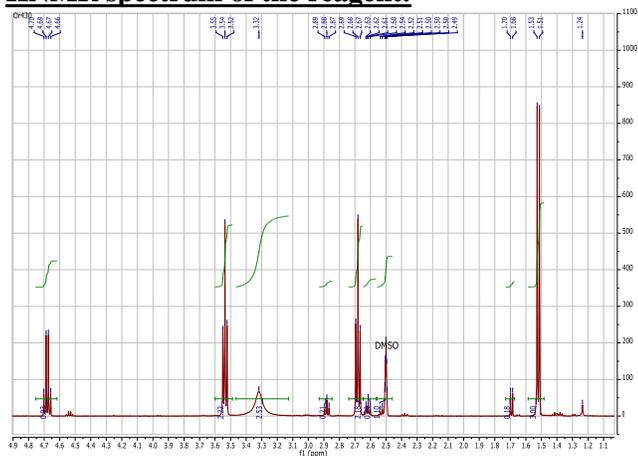
RAFT reagent used:



Characterization:

The product was characterized by ¹H NMR.

¹H NMR spectrum of the reagent:



¹H-NMR Spectrum of the random copolymer:

