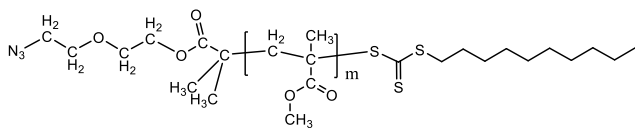


Sample Name: (α -Azide, ω -RAFT)-terminated Poly(methyl methacrylate)

Sample #: P41593-MMA-N3

Structure:



Composition:

| | |
|----------------------|-----|
| Mn x 10 ³ | PDI |
| 7.0 | 1.3 |

| | |
|---------------------|------|
| Azide functionality | >90% |
|---------------------|------|

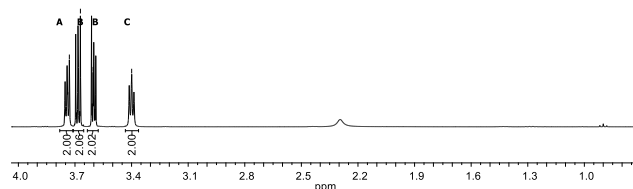
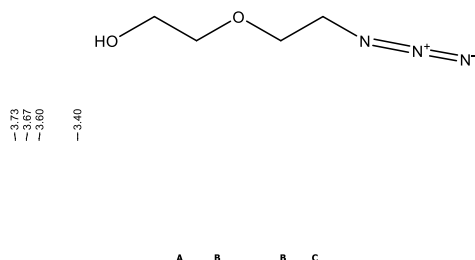
Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process.

Characterization:

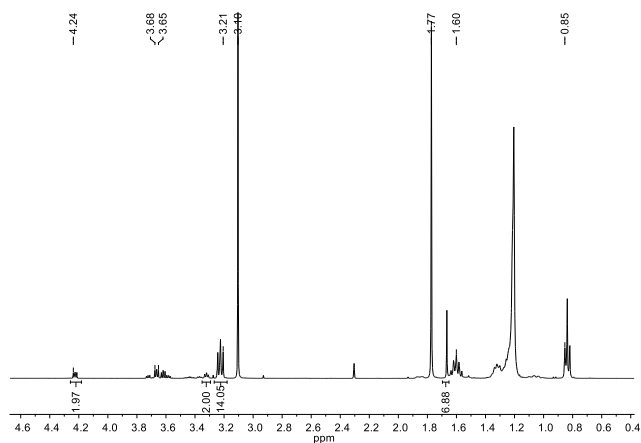
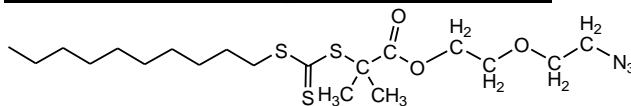
The product was characterized by proton NMR spectroscopy and size exclusion chromatography (SEC).

¹H NMR of RAFT precursor in CDCl₃:

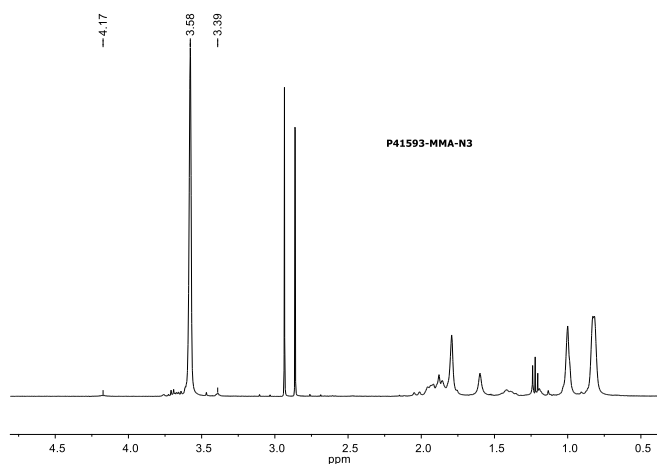


-CH₂-N₃ at 3.4ppm

¹H NMR of RAFT reagent with -N₃ moiety:



¹H NMR spectrum of the polymer:



SEC chromatogram of the polymer:

Agilent GPC/SEC Software

