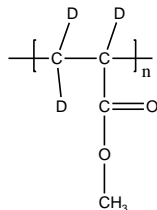


Sample Name:
Deuterated Poly(methyl acrylate-d3)

Sample #: **P43797-d3PMA**

Structure:

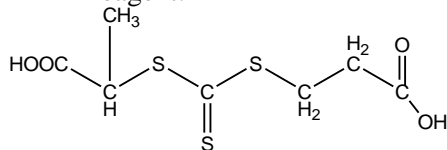


Composition:

Mn x 10 ³	PDI
1,520.0	1.3

Synthesis:

The polymer was synthesized by RAFT polymerization process using following RAFT reagent.



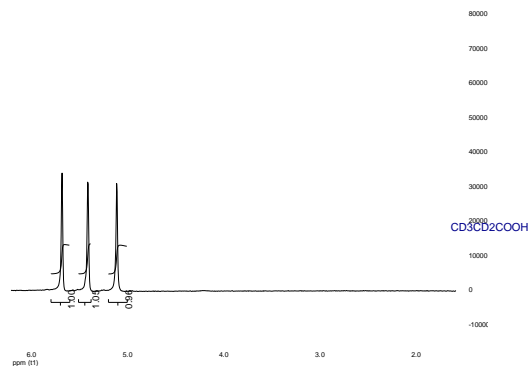
Characterization:

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

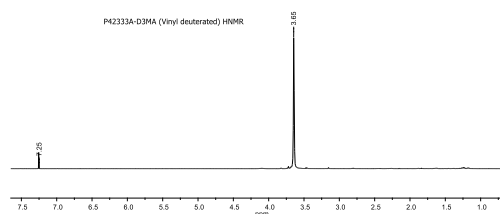
Solubility:

Deuterated Poly (methyl acrylate) is soluble in THF, CHCl₃ and Toluene.

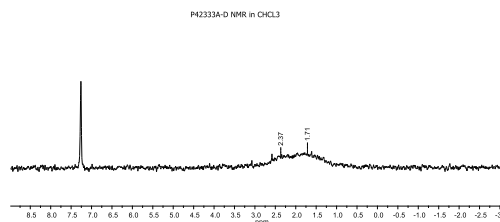
D-NMR spectrum of the monomer:



¹H-NMR spectrum of polymer (500 MHz, CDCl₃):



D-NMR spectrum of polymer (500 MHz, CHCl₃):



SEC elugram of the Sample:

