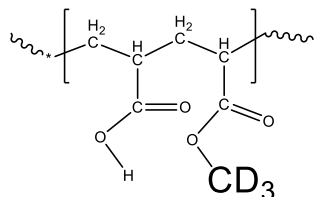


Sample Name:

**Random Copolymer Poly (acrylic acid)-co-  
(deuterated (d3) methyl (ester) acrylate)**

Sample #: **P42718F-AAAd3MAran**

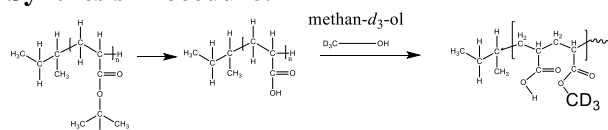
Structure:



Composition:

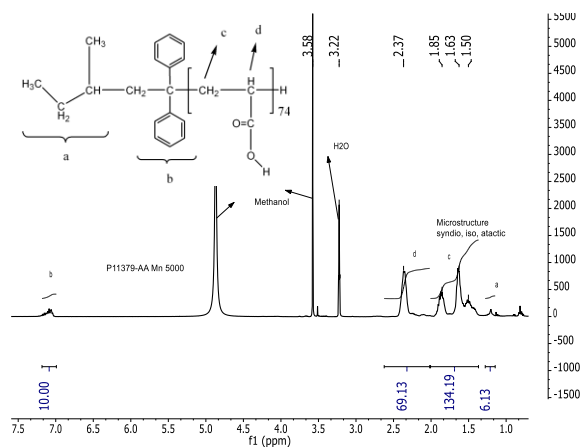
Mn x 10 <sup>3</sup>	PDI
11.0	1.10
% of deuterated d3 MA	50 wt%

Synthesis Procedure:

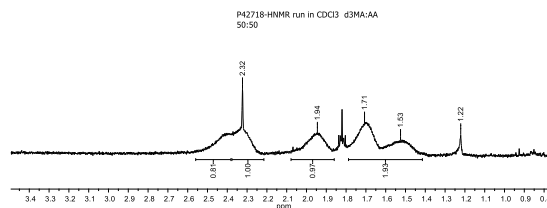


Characterization:

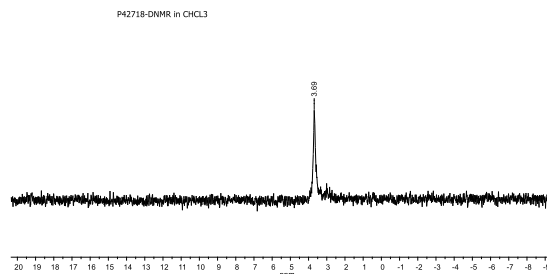
The polymer was characterized by size exclusion chromatography (SEC) in DMF and <sup>1</sup>H-NMR.



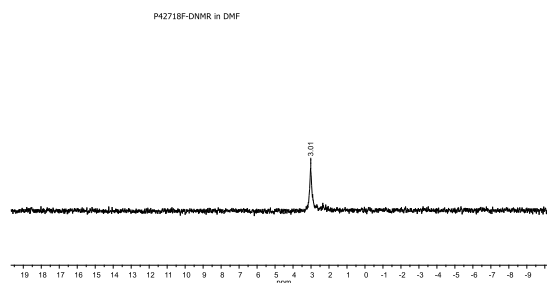
**<sup>1</sup>H-NMR spectrum of the product in CdCl<sub>3</sub>:**



**D-NMR spectrum of the product in CHCl<sub>3</sub>:**



**D-NMR spectrum of the product in DMF:**



**SEC elugram of random copolymer:**

