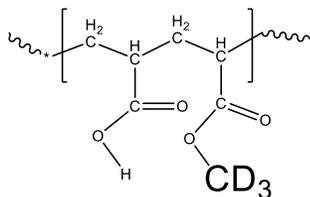


Sample Name:

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

Sample #: **P42718F-AAd3MAran**

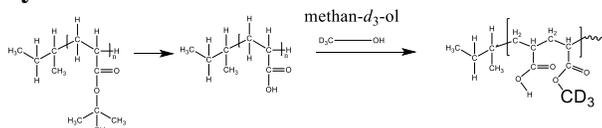
Structure:



Composition:

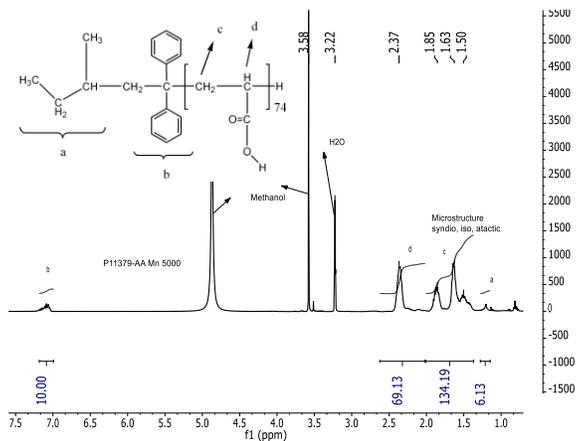
Mn x 10 ³	PDI
11.0	1.10
% of deuterated d3 MA	50 wt%

Synthesis Procedure:

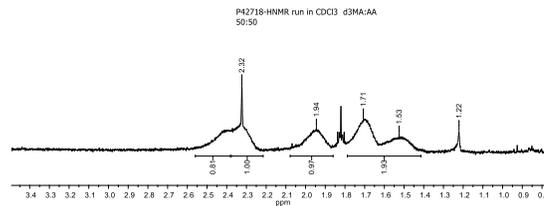


Characterization:

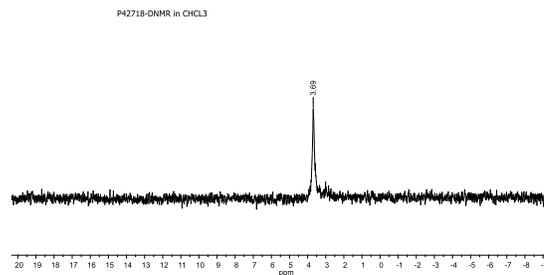
The polymer was characterized by size exclusion chromatography (SEC) in DMF and ¹H-NMR.



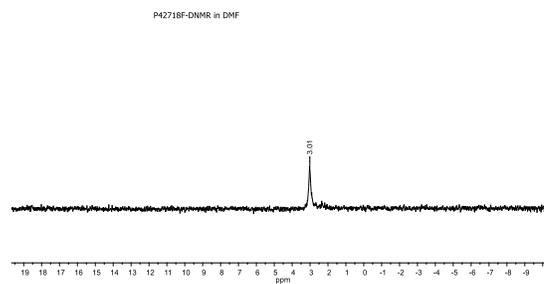
¹H-NMR spectrum of the product in CdCl₃:



D-NMR spectrum of the product in CHCl₃:



D-NMR spectrum of the product in DMF:



SEC elugram of random copolymer:

