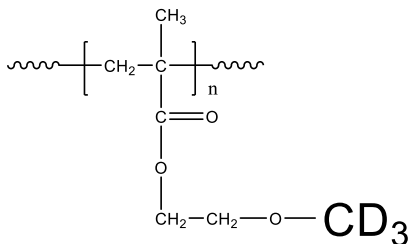


Sample Name:

**Poly(d3-Methoxy ethyl methacrylate)**

Sample #: **P42931A-d3-MEMA (D%>98%)**

Structure:



Composition:

|                      |     |
|----------------------|-----|
| Mn x 10 <sup>3</sup> | PDI |
| 5.5                  | 1.3 |

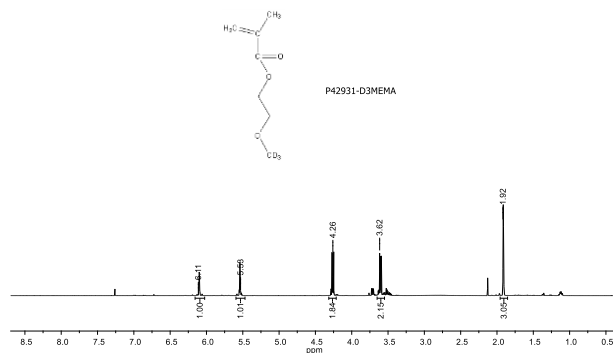
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process using (C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>CK initiator.

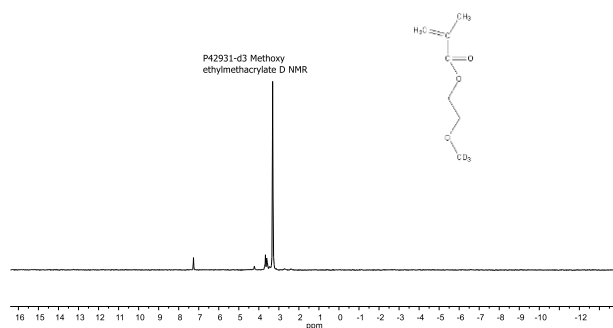
Characterization:

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR data analysis.

**<sup>1</sup>H-NMR spectrum of the monomer:**



**D-NMR spectrum of the monomer:**



**SEC elugram of Homopolymer:**

