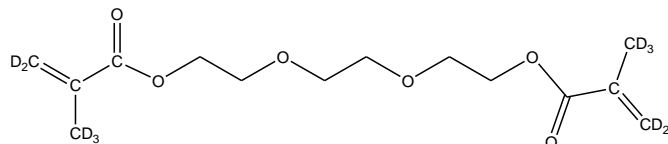


**Sample Name:**  $\alpha$ - $\omega$  bis deuterated methacrylate (d5) terminated protonated triethylene glycol

**Sample #:** P41159-d5MA-EG3

**Structure:**



**Composition:**

| Mn x 10 <sup>3</sup> | PDI  |
|----------------------|------|
| 0.33                 | 1.02 |
| Functionality        | >99% |

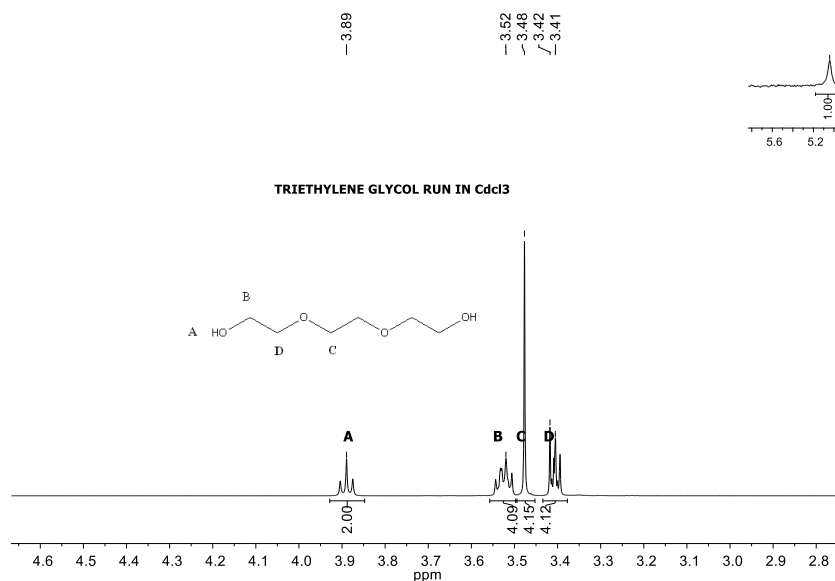
**Characterization:**

The product was characterized by <sup>1</sup>H NMR, and DNMR spectroscopy.

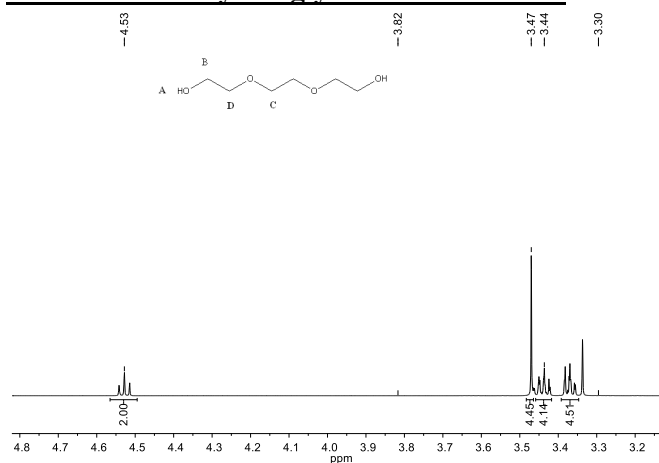
**Functionality:**

Functionality of the polymer was determined by H NMR analysis.

**HNMR of Triethylene glycol runs in CdCl<sub>3</sub>:**



**HNMR of Triethylene glycol runs in DMSO:**



**H<sup>2</sup> NMR spectrum of the product:**

