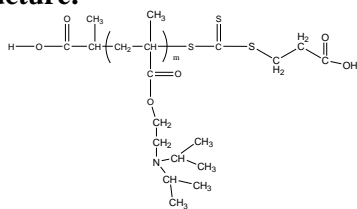


**Sample Name:** Poly(N-N-diisopropyl aminoethyl methacrylate)

**Sample #:** P40851B-DIPAEMA

**Structure:**



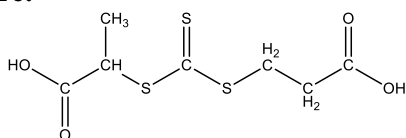
**Composition:**

Mn x 10 <sup>3</sup>	PDI
70.0	1.7

**Synthesis:**

The polymer was synthesized by RAFT using following RAFT reagent.

**Structure:**



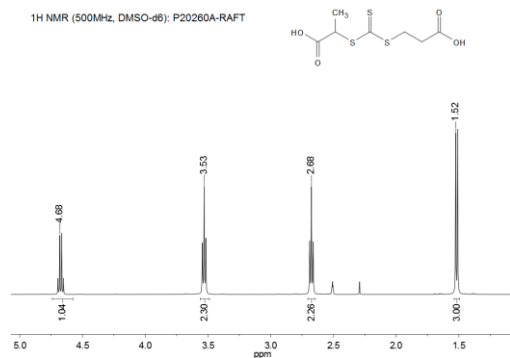
Chemical Formula: C<sub>7</sub>H<sub>10</sub>O<sub>4</sub>S<sub>3</sub>  
Molecular Weight: 254.3

Purity:	> 95 %
Storage temperature:	2–8°C

**Characterization:**

The chemical structure of the product was confirmed by FT-IR and <sup>1</sup>H NMR.

**<sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>):**

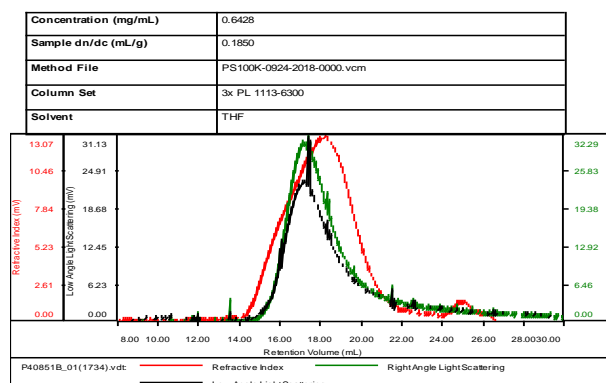


**Characterization:**

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

**SEC elugram of Homopolymer:**

**P40851B**



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P40851B_01(1734)	70,267	123,791	1.762	1.0044	120,652