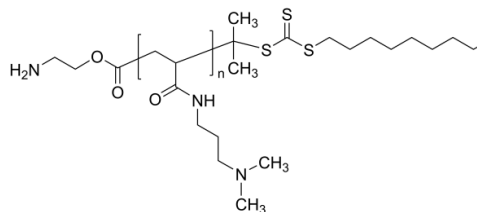


Sample Name:  
**Poly(N,N-dimethylaminopropyl acrylamide),  $\alpha$ -amino-terminated**

Sample#: **P41814-DMAPAMD-NH2**

**Structure:**



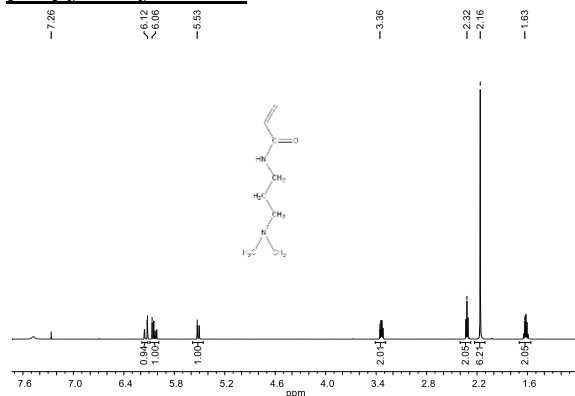
**Composition:**

$M_n \times 10^3$	PDI
2.6	1.3
Dp: 17 units	

**Synthesis Procedure:**

The polymer was synthesized by RAFT polymerization process.

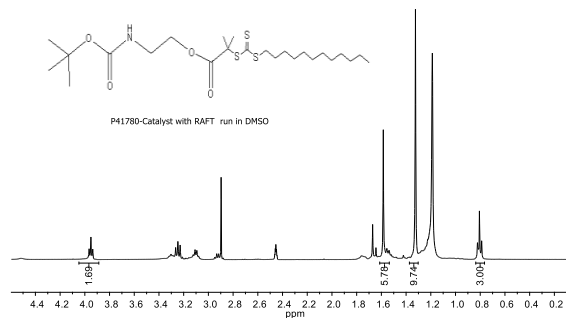
**$^1\text{H}$  NMR spectrum of the N(3-dimethyl amino)propyl acrylamide:**



**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and  $^1\text{H}$  NMR.

**$^1\text{H}$  NMR spectrum of the Catalyst (Lot# P41780) runs in DMSO**



**BOC amino Protected POLY DMAPRAMD run in  $\text{CdCl}_2$ :**

