

# Product Profile

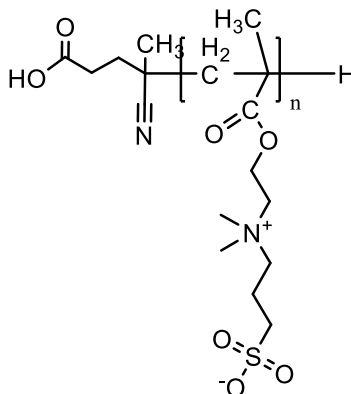
## Identification

**Product Name:** Poly(sulfopropylbetaine(SPB)methacrylate)

**Synonym:** Poly [2-(Methacryloyloxy)ethyl]dimethyl-(3-sulfopropyl)ammonium hydroxide

**Product Lot Number:** P44932B-DMAPS

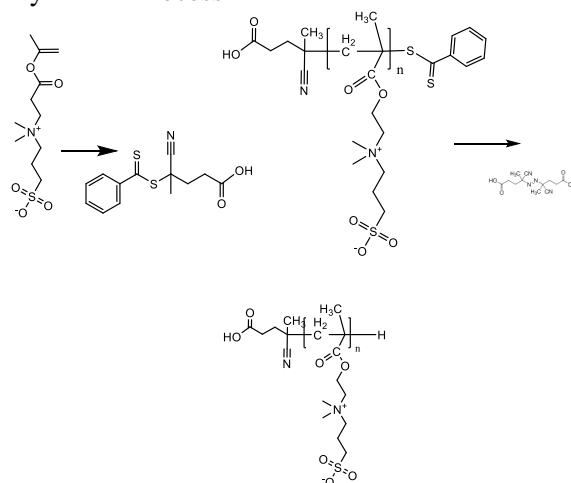
**Product Chemical Architecture:**



**Composition:**

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)	Dp of Homopolymer
5.0	1.25	18

**Method of Synthesis:** By RAFT Process



**Solubility in different solvents**

THF	X	DMSO	√
CHCl <sub>3</sub>	X	DMF	√
Water	√		

**Purification of Polymer:** By Soxhlet extraction of unreacted RAFT

