

# Product Profile

## Identification

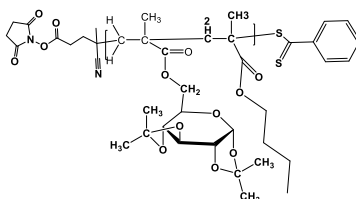
**Product Name:**

**Poly(glucose methacrylate-co-n-Butylmethacrylate),  $\alpha$ -N-hydroxysuccinimidyl(NHS)-terminated**

**Product Lot Number: P44918-NHS-GluMA<sub>n</sub>BuMA<sub>r</sub>**

**Category:** NHS Protected RAFT, RAFT Polymerization agent

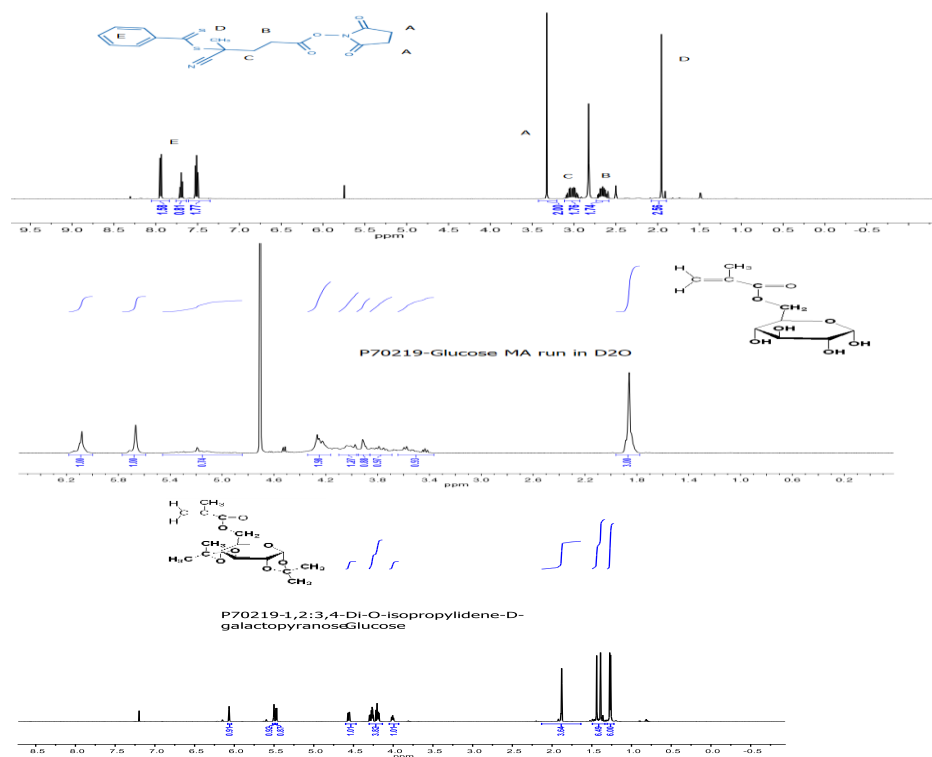
**Product Chemical Architecture:**



**Composition:**

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)	Composition GluMA:nBuMA
5.0	1.45	5:5

**Method of Synthesis:** By RAFT Process using following RAFT moiety:



**Solubility of polymer in different solvents**

THF	√	Acetone	√
CHCl <sub>3</sub>	√	Ethanol	√
Water	X	Methanol	Hazy and clear at 50°C

### A. Gel Permeation Chromatography (GPC), SEC- Profile

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