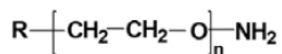


No. AE020

# Certificate of Analysis

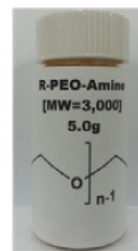
Product Name: Butoxy-Poly(ethylene glycol)-Amine (3000Da) (Lot#: 50924JAK)

K-R-PEO-NH<sub>2</sub>-3K : R-PEO-Amine

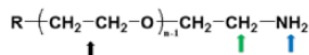


R= *n*-Bu or *t*-BuO<sup>-</sup>

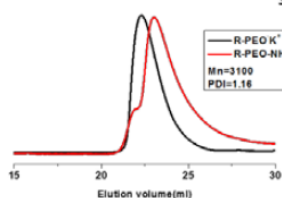
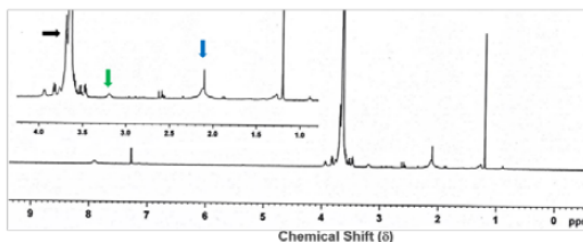
M<sub>n</sub> = 3,000 g/mol



K-R-PEO-NH<sub>2</sub>-3K



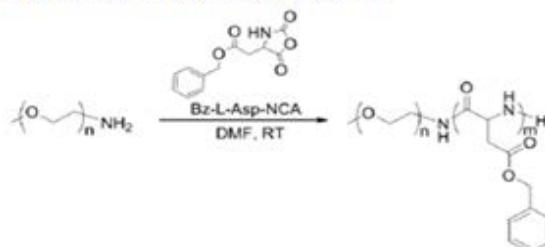
Bruker 400 MHz spectrometer (Model: Avance 400 (400 MHz))



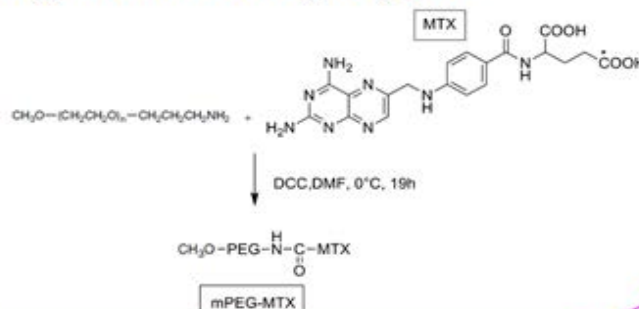
SEC Analysis: SEC analyses were performed at a flow rate of 1 mL/min in THF at 30°C using the Water 515 HPLC component system with four ultra- $\mu$ -Styragel® columns (10<sup>5</sup>, 10<sup>4</sup>, 10<sup>3</sup>, and 500Å) equipped with a Water 2410 Refractive Index Detection system

## Applications of K-R-PEO-NH<sub>2</sub>

### 1. Synthesis of block copolymer



### 2. Synthesis of PEG-drug conjugates



Material provided for research use only. Not for human use.