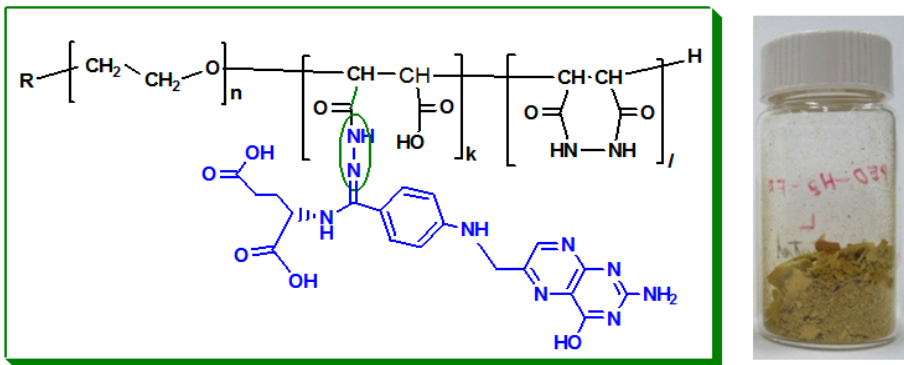


No. AE09

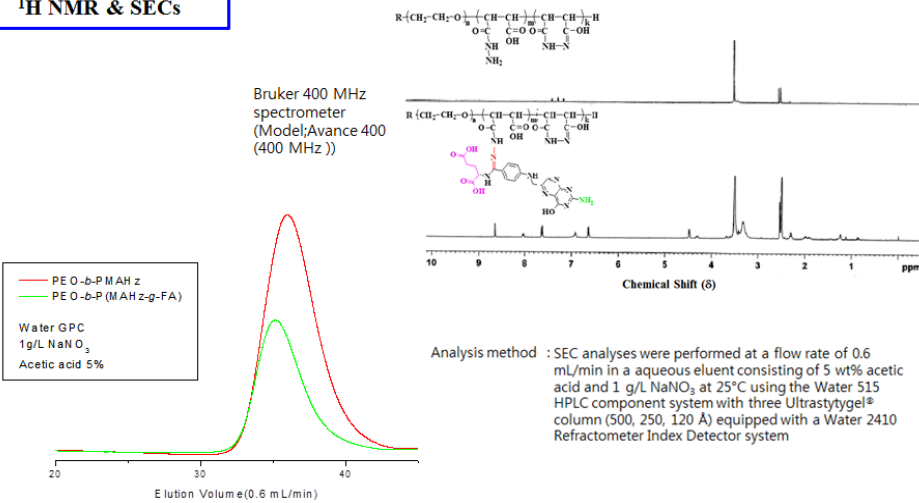
# Certificate of Analysis

Butyl-Poly(ethylene-glycol) – block-Poly(maleic hydrazide)-g-folate (5500:500Da) 2:1 folate mole:polymer mole

## KHFol-1: Poly(ethylene oxide)-*b*-Poly(maleic hydrazide)-*g*-folate

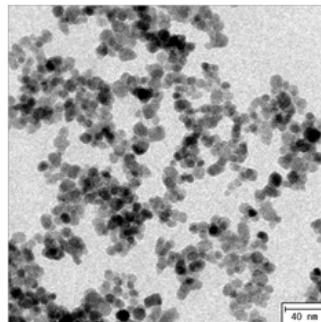


### <sup>1</sup>H NMR & SECs



## Applications of KHFol-1

### 1. Polymeric Stabilizer for preparation of Fe<sub>3</sub>O<sub>4</sub> nanoparticles; pH-sensitive



### 2. Fluorescence Sensor

