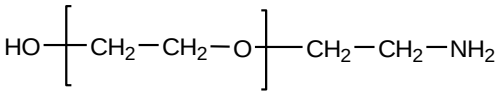
Sample Name:

**α-amino ω-hydroxyl Terminated Poly(ethylene glycol)**

Sample :**P3486-EONH2OH**

**Structure:**



**Composition:**

| Mn x $10^3$ | PDI |
|---|---|
| 9.5 | 1.10 |

**Synthesis Procedure:**
α-Amino ω-hydroxyl terminated poly(ethylene glycol) was synthesized by proprietary method.[1]Please call us if you would like to know more.

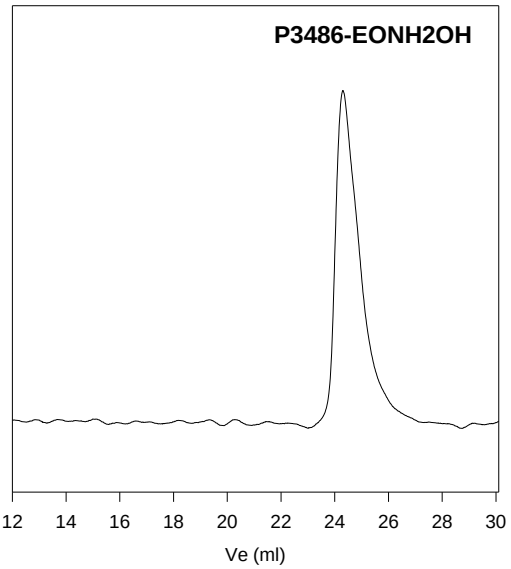
**Characterization:**
The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

**Functionality:** Functionality of the polymer was determined by H NMR analysis or FT-IR spectroscopy or by titration.

**Solubility:**

Polymer is soluble in water, methanol and ethanol, THF, $CHCl_3$. It is precipitated out from cold ethanol, isopropanol, hexane and ether.

**SEC of Sample:**




Size exclusion chromatograph of
α, amino ω hydroxy terminated poly(ethylene glycol):
$M_n$ = 9500, $M_w$ =10500 Mw/Mn =1.10

**References:**

**S. K. Varshney**, J.X. Zhang, Apply US patent 09/895,323, 2001 Heterofunctional Polyethylene glycol and Poly ethylene oxide , process for their Manufacture