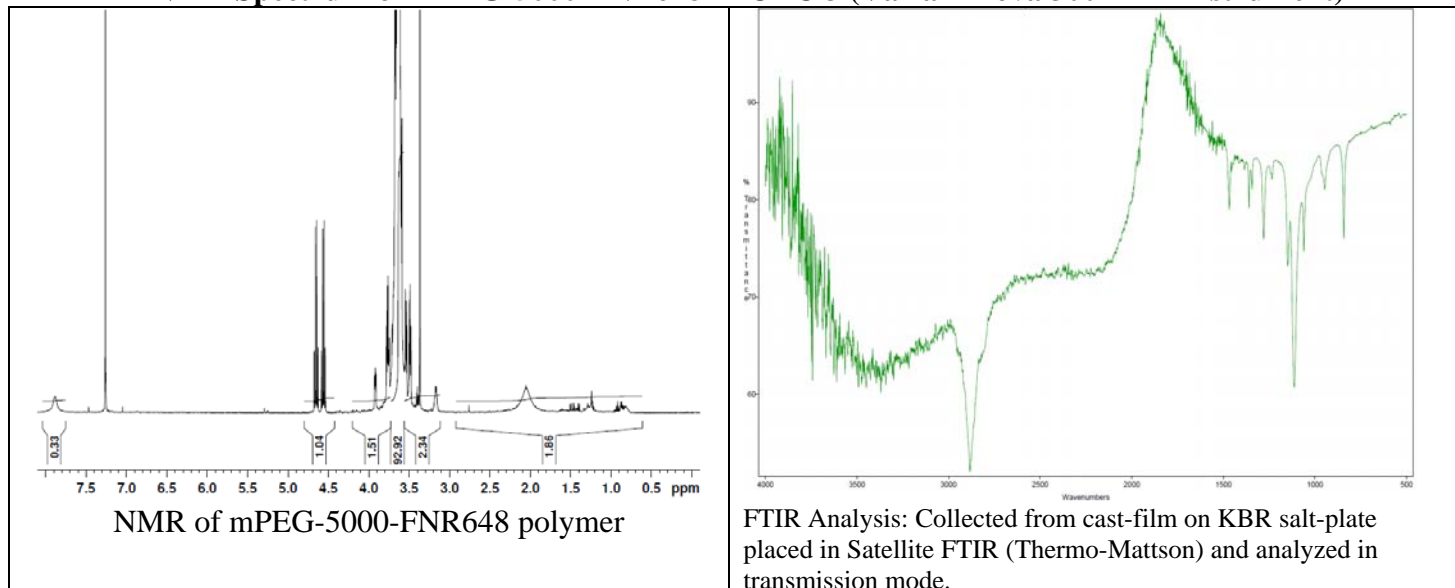


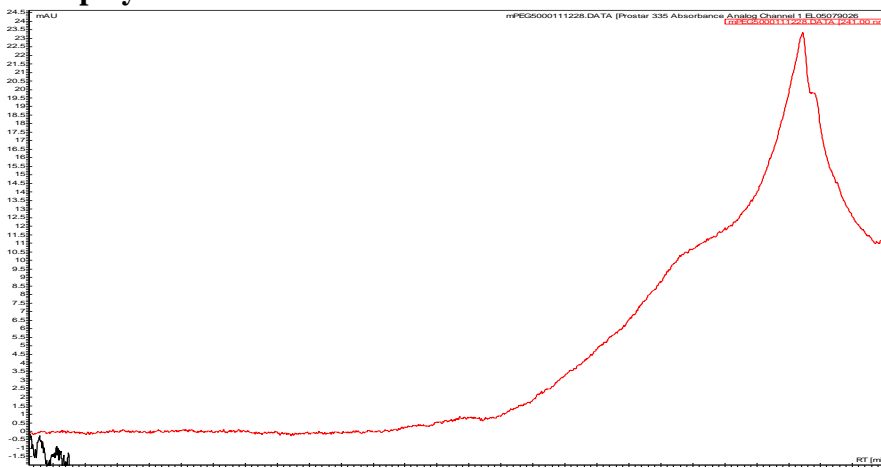
No. mPEG-5000-FNR648 Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol) polymer-FNR-648 Fluorescent Endcap (5000Da)

- ¹H-NMR Spectrum of mPEG-5000-FNR648 in CDCl₃ (Varian Inova 300 MHz instrument)**



- GPC analysis of base polymer mPEG 5000-NH₂**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Base Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG 5000	1738	5761	3.32

- Structure of mPEG-5000-FNR648 polymer**

