

Sustained Release of Polymeric Wetting Agent from a Silicone Hydrogel Contact Lens Material

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Supporting Information:

Figure S1 gives the calibration curve between fluorescence intensity and poly(oxyethylene)-*co*-poly(oxybutylene) concentration, determined for the fluorescence plate-reader method.

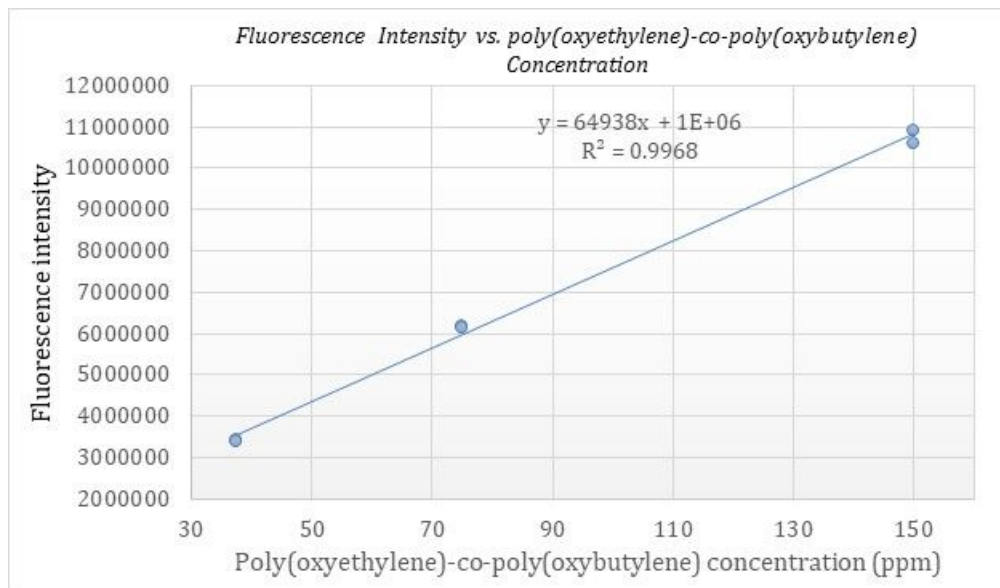


Figure S1. Linear calibration curve of fluorescently tagged poly(oxyethylene)-*co*-poly(oxybutylene) concentration vs. fluorescence intensity from the plate reader method.

Table S1 lists the fluorescence-imaging raw data for the poly(oxyethylene)-*co*-poly(oxybutylene)-loaded lenses and the equilibrium solution, as well as the calculated partition coefficient.

Table S1. Loading partition coefficient obtained from fluorescence imaging

Fluorescence Intensity	Direct Reading (AU)	After subtraction of PBS background (AU)
Lens 1	14673	14278
Lens 2	13780	13380
Lens 3	13776	13385
Ave Lens	14035 ± 507	13639 ± 517
PBS background	395 ± 1	N/A
150 ppm poly(oxyethylene)- <i>co</i> -poly(oxybutylene) solution	423 ± 2	27 ± 1
$k = \text{Lens intensity} / \text{poly(oxyethylene)-co-poly(oxybutylene) solution intensity}$	N/A	505 ± 23