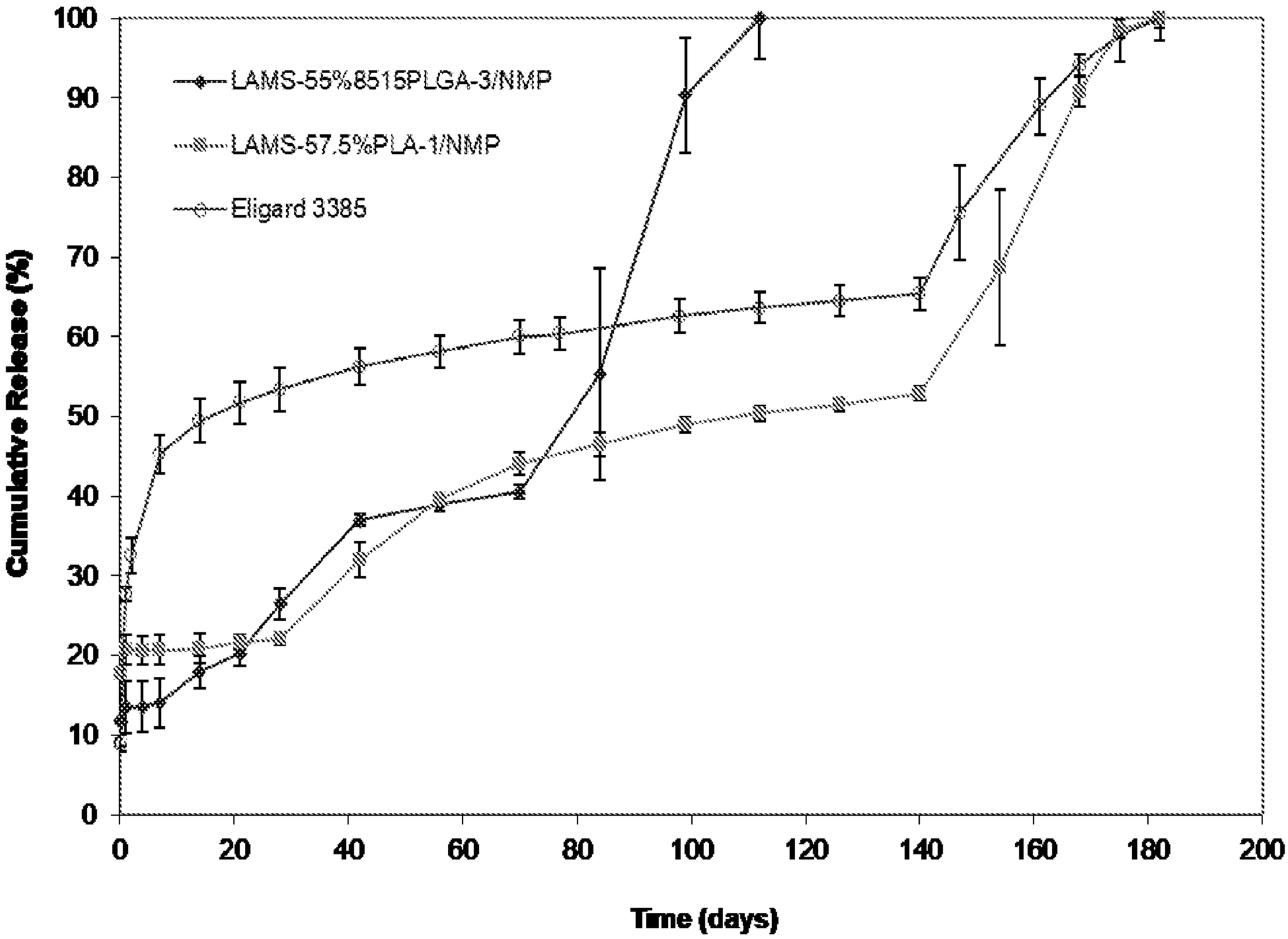



Figure 1: *In vitro* release of leuprolide mesylate from different polymers compared with Eligard® 45 mg release

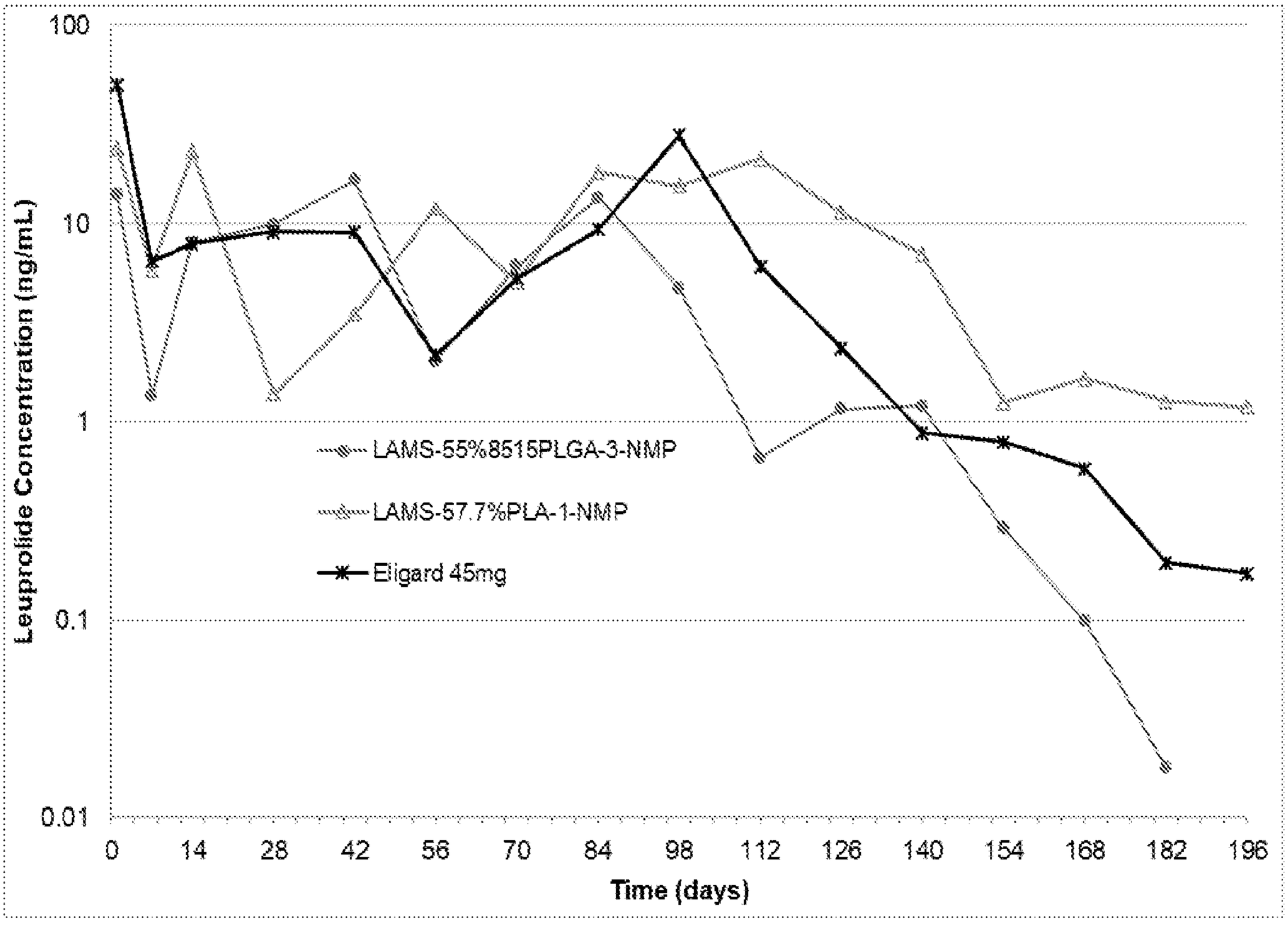



Figure 2: Mean Serum Concentration-Time Profiles of Leuprolide in Male Rats after a Single Subcutaneous Administration

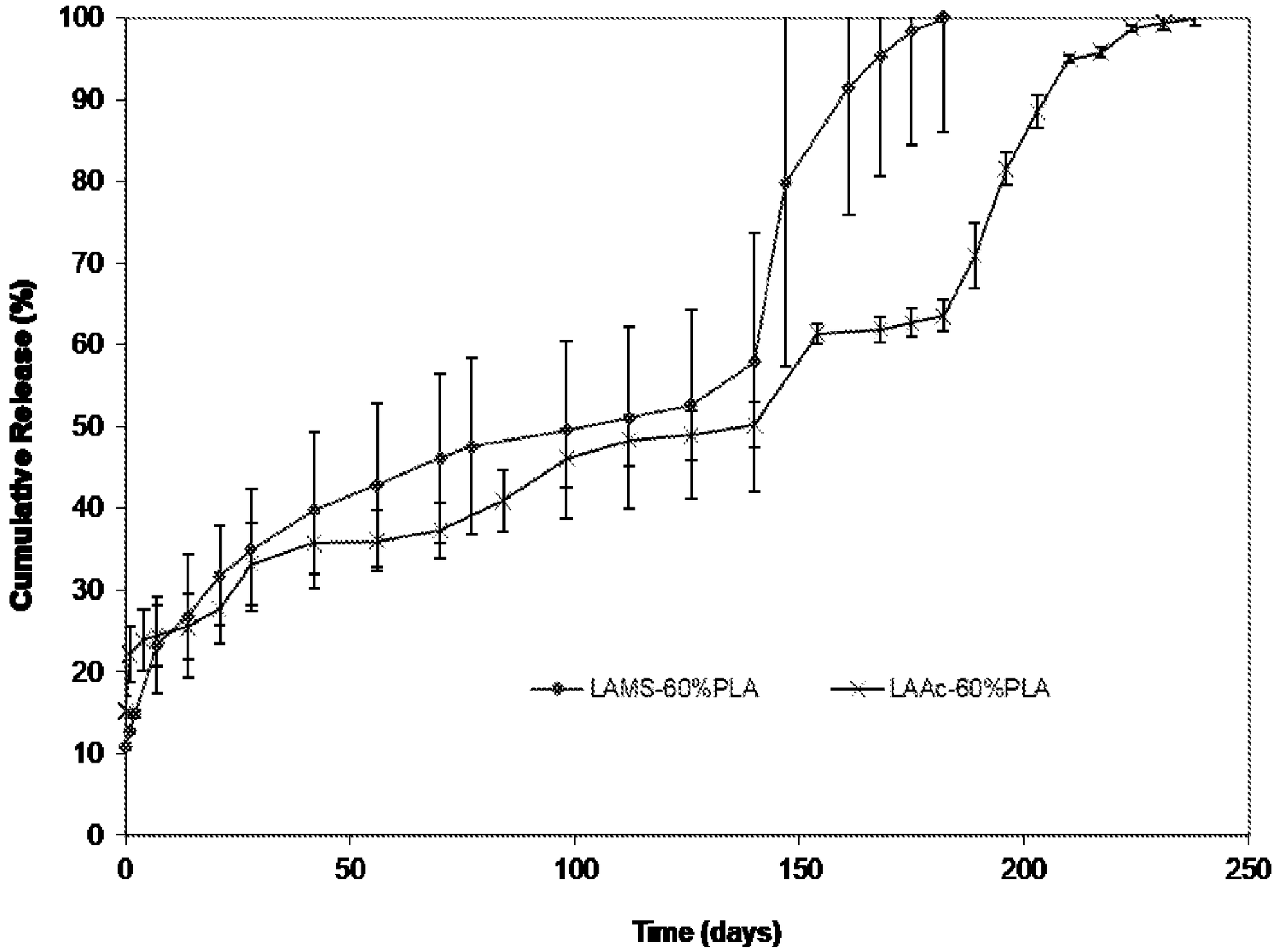



Figure 3: *In vitro* release of LAMS and LAAc from PLA/NMP solution

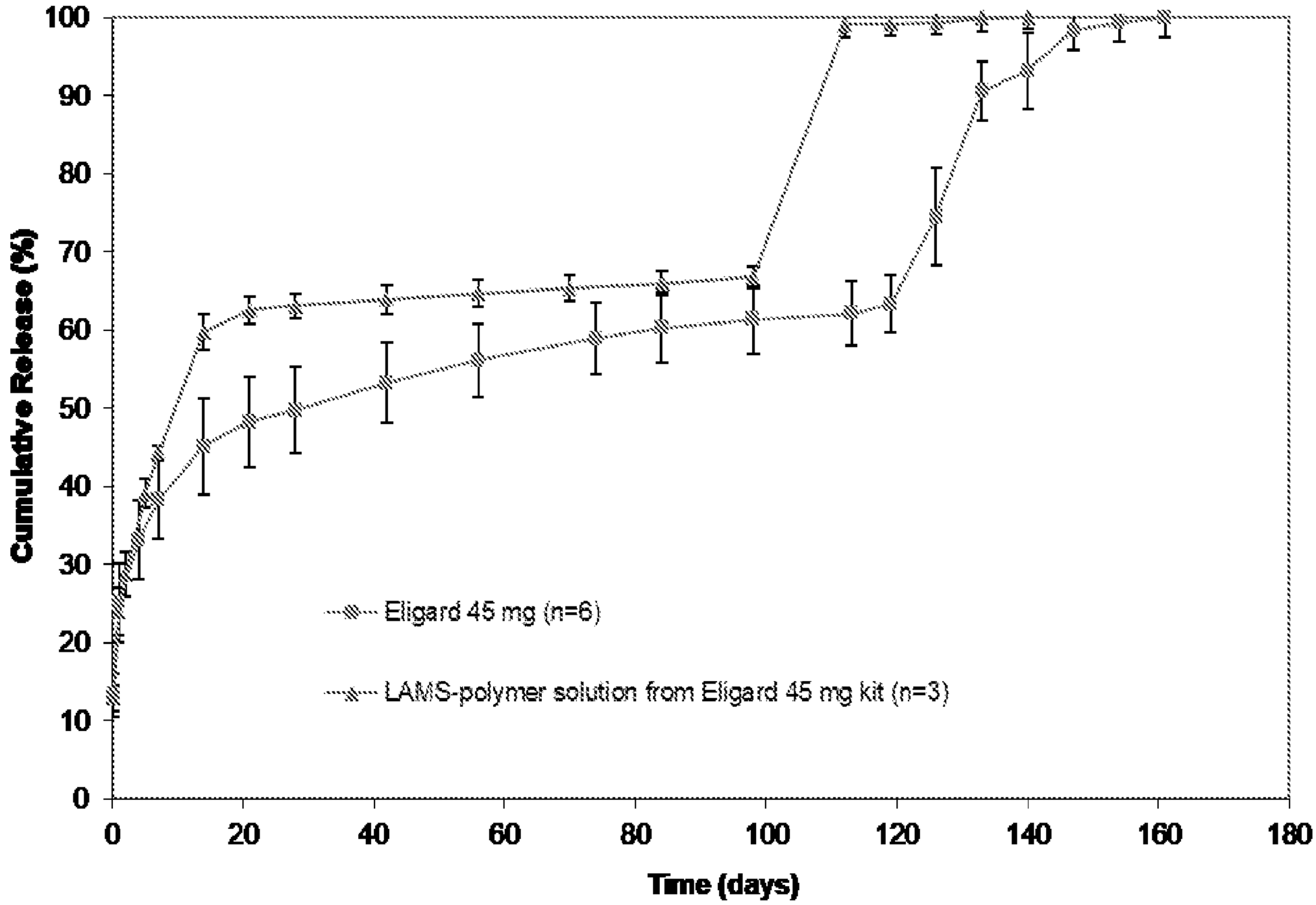



Figure 4: LAMS release from Eligard® 45mg polymer solution compared with Eligard® 45 mg release

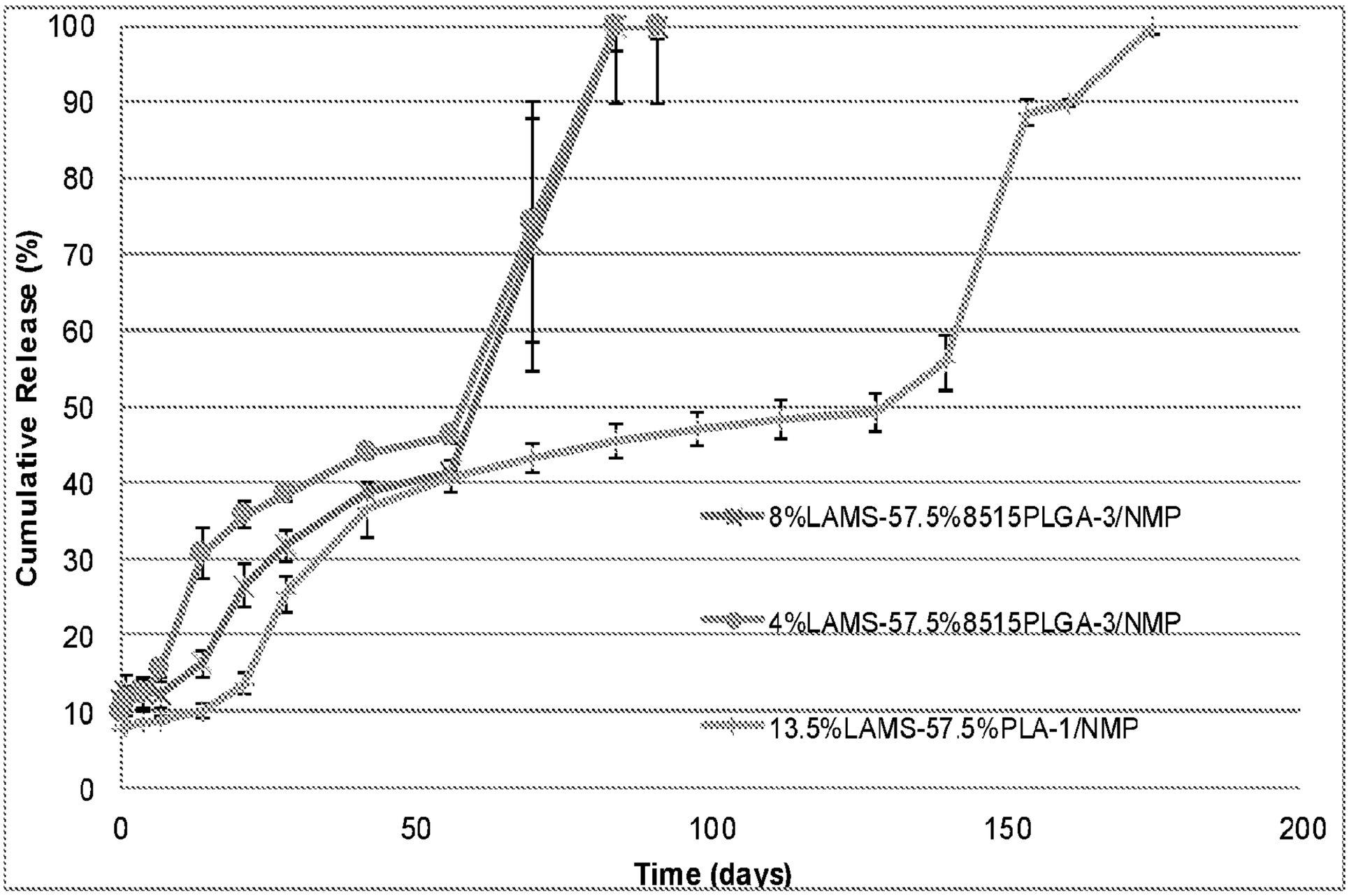



Figure 5: *In vitro* release of leuprolide mesylate from different PLGA polymers compared with release from PLA polymer

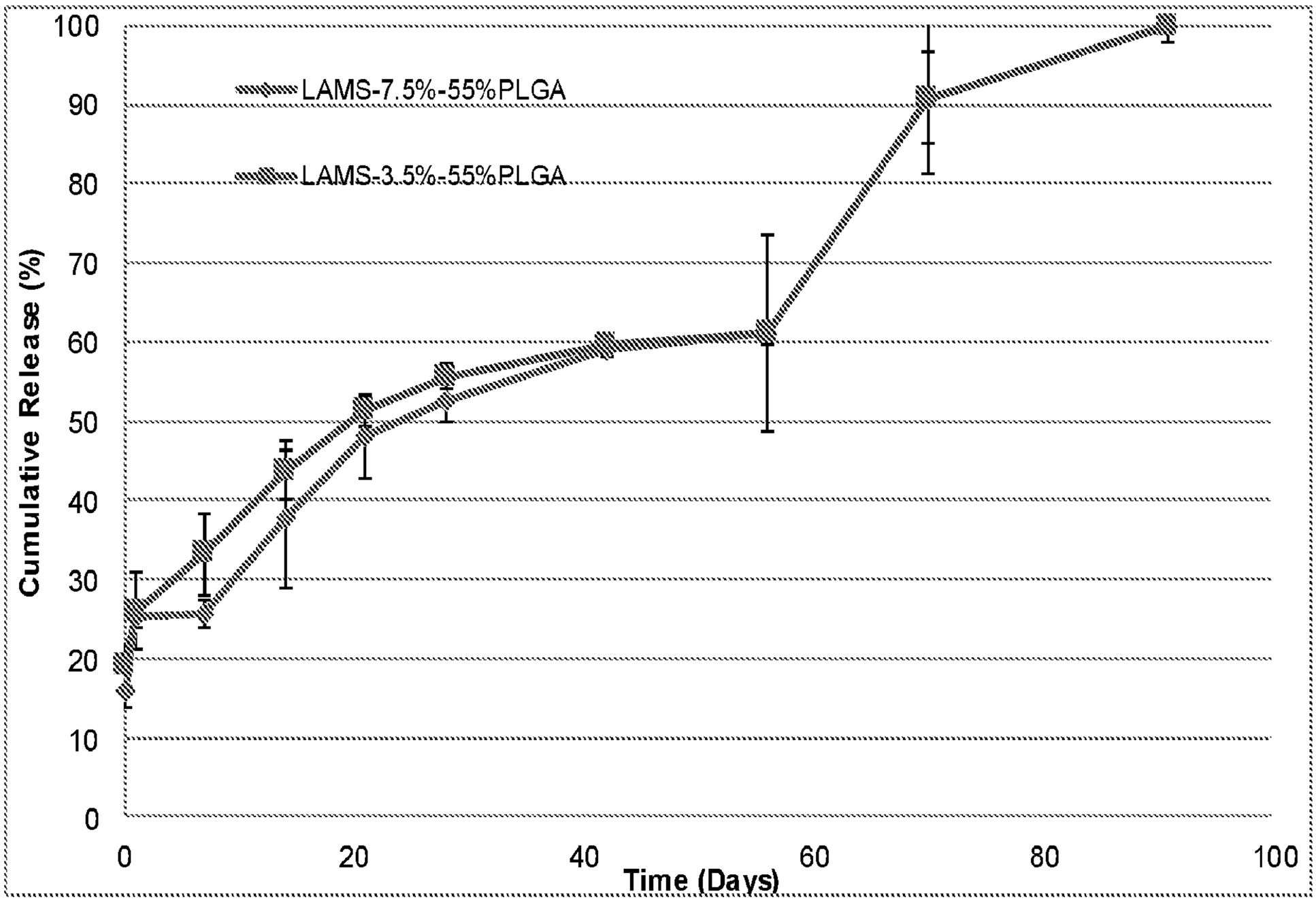



Figure 6: *In vitro* release of LAMS from 8515PLGA polymers

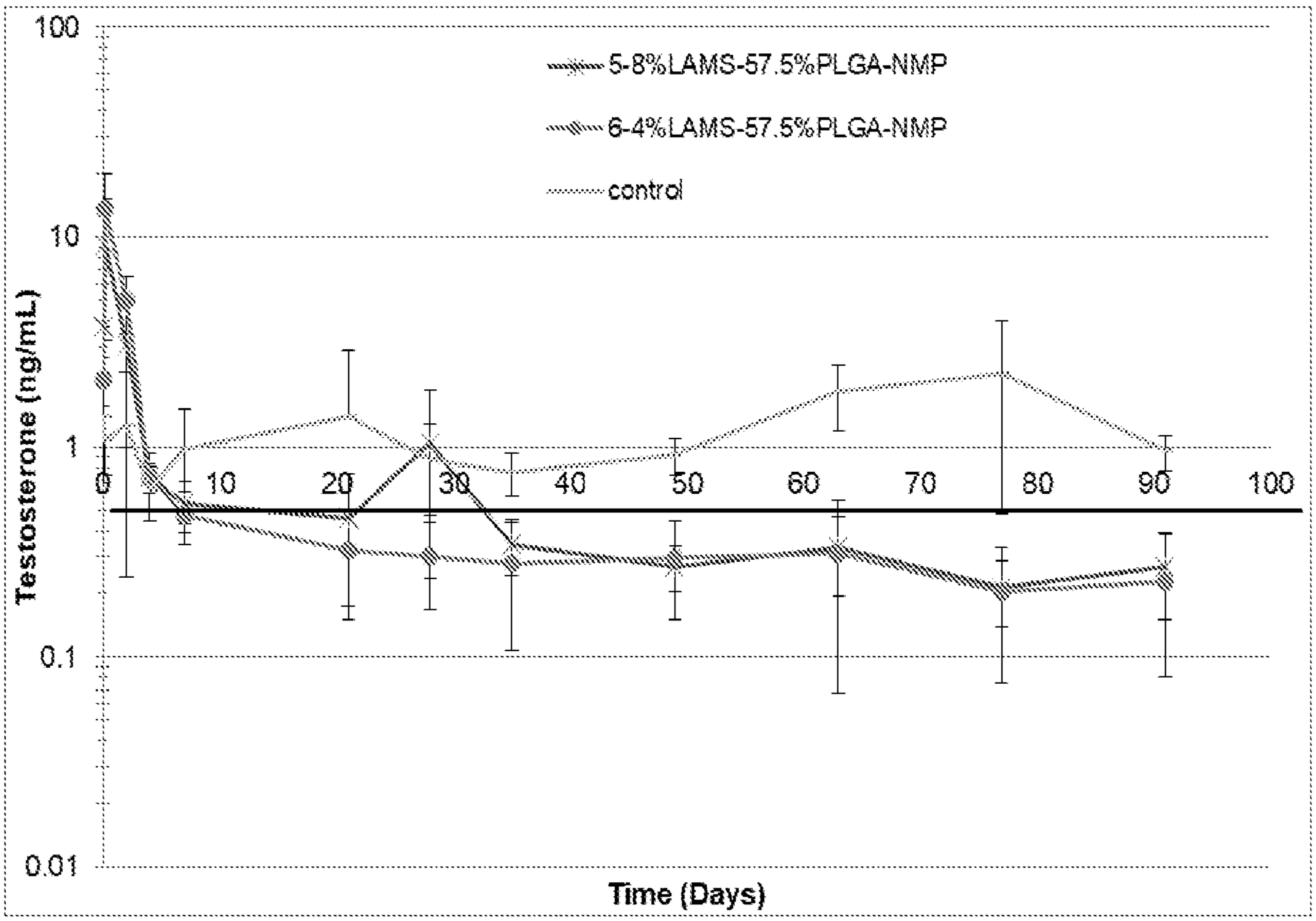


Figure 7: Serum testosterone concentrations of male SD rats after injection of LAMS in PLGA/NMP formulations

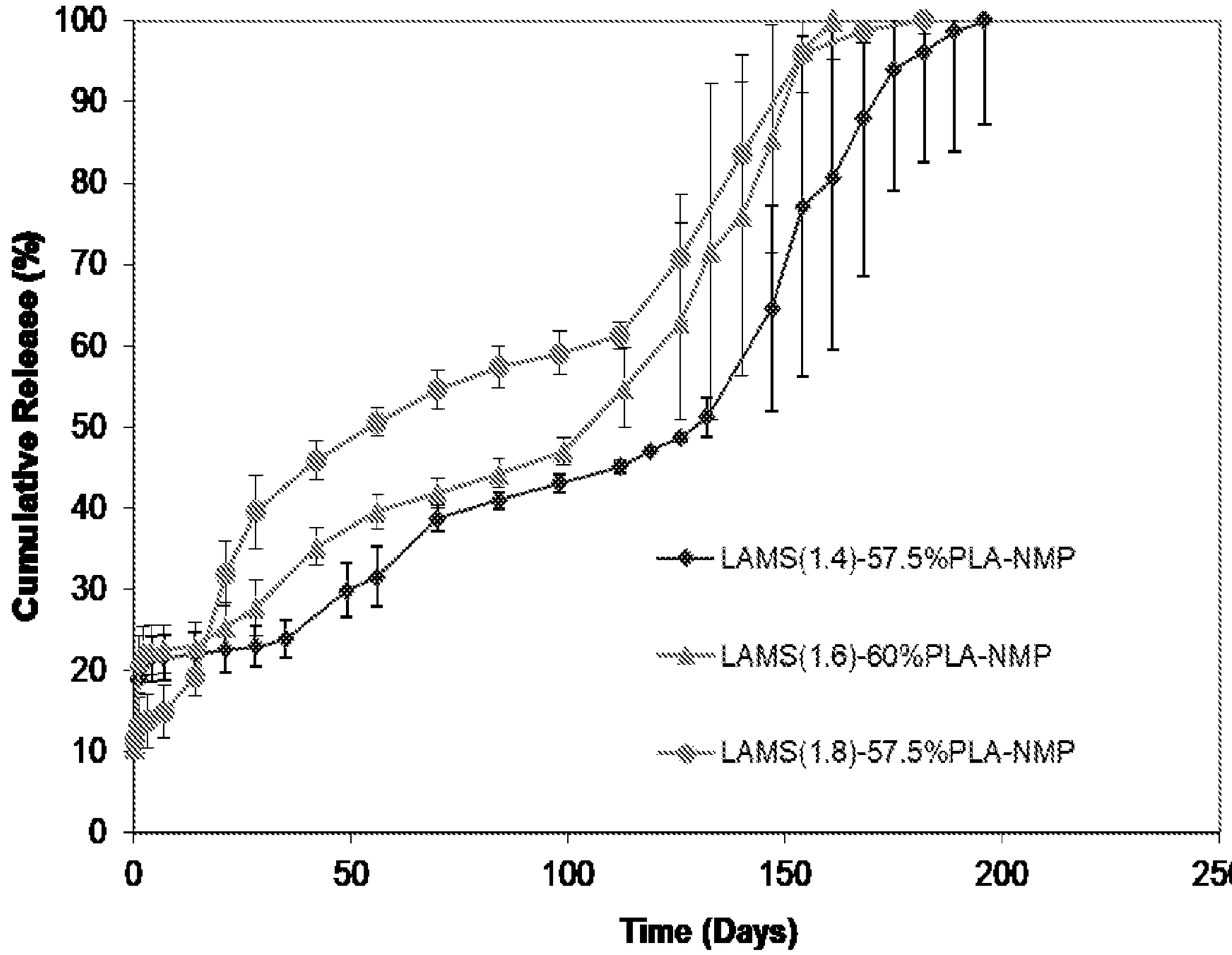



Figure 8: *In Vitro* Release of Leuprolide from various PLA Formulations in PBS at pH 7.4 at 37°C

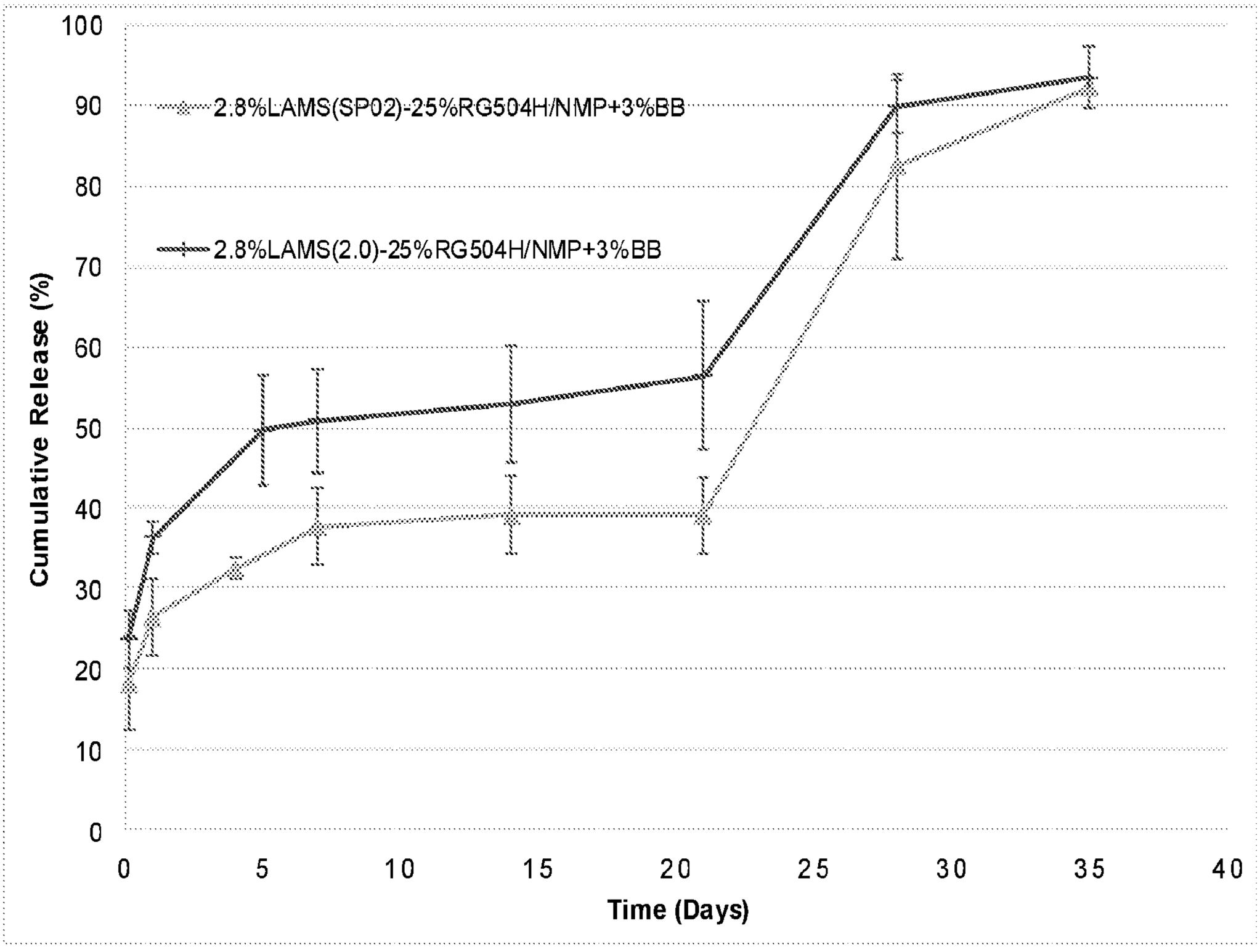



Figure 9: *In Vitro* Release of Leuprolide mesylate with a molar ratio of 1.6 and 2.0 from PLGA5050 Formulations in PBS at pH 7.4 at 37°C