

## CORRECTIONS

**Jiaxiang Zhou, Silvia Villarroya, Wenxin Wang, Mark F. Wyatt, Christopher J. Duxbury, Kristofer J. Thurecht, and Steven M. Howdle\***: One-Step Chemoenzymatic Synthesis of Poly( $\epsilon$ -caprolactone-*block*-methyl methacrylate) in Supercritical CO<sub>2</sub>. Volume 39, Number 16, August 8, 2006, pp 5352–5358.

In this paper we reported on the kinetics of the simultaneous polymerization of  $\epsilon$ -caprolactone and methyl methacrylate by enzymatic ring-opening polymerization and atom transfer radical polymerization, respectively. We proved the existence of copolymer by numerous techniques, including GPC and NMR spectroscopy. However, in this report we stated that MALDI-TOF analysis of low molecular weight materials clearly showed the presence of block copolymer and NOT a mixture of homopolymers. However, detailed analyses of the MALDI-TOF data reveal the presence of PCL homopolymer; both cyclic and linear. Furthermore, while some peak masses and isotopic patterns may have been indicative of low molecular weight (ca. 1700 Da) PMMA-*block*-PCL copolymer, continuation of these series beyond these masses—as is typical for copolymer series in MALDI spectra—was not observed. Hence, in contrast to the GPC and hydrolysis experiments presented in the report, the MALDI-TOF data do not irrefutably prove the presence of block copolymer. We intend to discuss the effectiveness of MALDI-TOF as an analytical technique for the characterization of these types of block copolymers in a future publication.

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