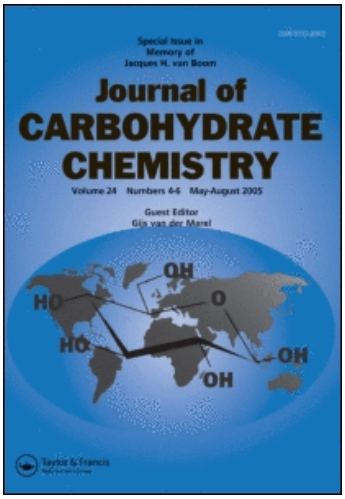

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Erratum

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ERRATUM

The following page is printed as a correction to the *Journal of Carbohydrate Chemistry*, Volume 12, Number 1, 1993, page 84. The manuscript is "Large-Scale Preparation of *N,N'*-Diacetylchitobiose by Enzymic Degradation of Chitin and Its Chemical Modifications" by H. Terayama, S. Takahashi, and H. Kuzuhara.

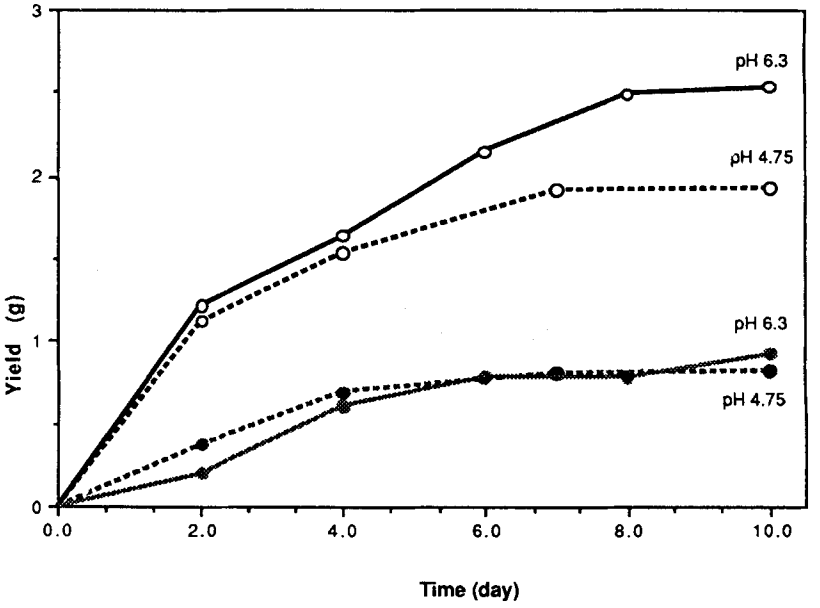

Fig. 1. Production Pattern of Peracetylated Chitin Hydrolyzates.

Colloidal chitin (21.4 g with more than 85% of H_2O) was incubated with the enzyme (12.6 mg) at 40 °C in 200 mL of 0.1M acetic acid-phosphate buffer (pH 6.3 and 4.75). After filtration, the soluble degradation products were acetylated at 80 °C with Ac_2O-NaOAc and chromatographed on silica gel using 30 : 1($^v/_v$) $CHCl_3$-MeOH as the eluant. Solid and dotted lines with open circles show changes of the weight of peracetylchitobiose (**2**) isolated. The lines with filled circles correspond to the weight of combined monosaccharidic by-products involving peracetylated D-glucosamine.

poured into ice-water to give a precipitate. When the resulting precipitate was dissolved in methanol, most of **2** crystallized as the α-anomer. After removal of the crystals by filtration, an α, β- mixture of **2** was further isolated from the mother liquor by column chromatography. Usually 200-250 g of **2** was obtained in one incubation run using 5000 units of enzyme. The yield of **2** varied in a moderate range depending on the batches of enzyme used but was not so much influenced by change of pHs employed in the range of 5.5-6.3.