Corrigendum

The kinetics of acetylation of gelatinised potato starch by R.A. de Graaf, G.A. Broekroelofs, L.P.B.M. Janssen & A.A.C.M. Beenacker. *Carbohydr. Polym.*, (1995). **28**, 137–144.

The authors wish to bring to the notice of the readers errors in the original publication of the above paper.

The gas constant used should read: $8.314 \, \mathrm{J \, mol^{-1} \, K^{-1}}$. This error does not affect the results because the correct value of the gas constant was always applied.

More serious is a mistake in the Arrhenius equation (eq. 8). This should read:

$$k_i = k_{i,\infty} \, e^{\left\{ \frac{-E_{a,i}}{r(T + 273.15)} \right\}} \tag{8}$$

here $E_{a,i} \, [\mathrm{J \, mol^{-1}}]$ is the activation energy, $k_{i,\infty}$ $[\mathrm{m^3 \, mol^{-1} \, s^{-1}}]$ the frequency factor and T (°C) the temperature. The subscript i refers to the reaction numbering in the paper. The slopes and axis abscissas used to calculate the activation energies and frequency factors, as mentioned in the journal, were determined from plots of $\ln k_i$ versus $1/T$ $(\mathrm{K^{-1}})$. These figures are correctly printed below. The figure numbering corresponds to the numbering in the journal.
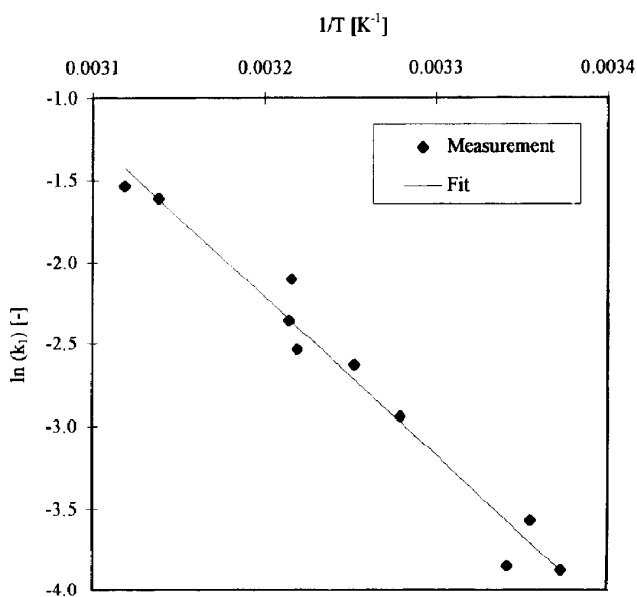

Fig. 8. ln (k_2) vs. $1/T$ for the deacetylation of starch.

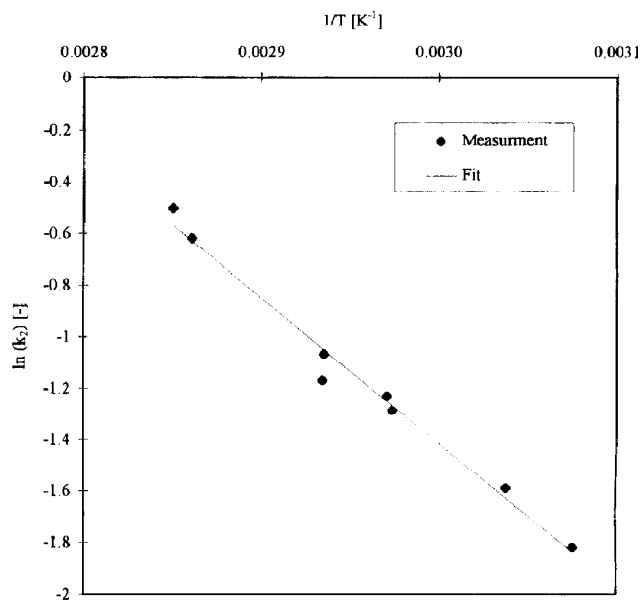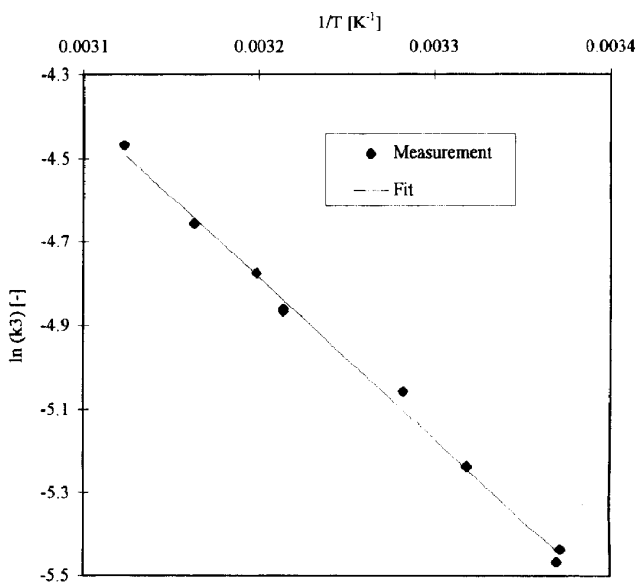**Fig. 5.** ln (k_1) vs. $1/T$ for the acetylation of starch.

Fig. 11. ln (k_3) vs. $1/T$ for the hydrolysis of vinylacetate.