Erratum

A model for baculovirus production with continuous insect cell cultures

C. D. de Gooijer¹, F. L. J. van Lier¹, E. J. van den End¹, J. M. Vlak², and J. Tramper¹

Agricultural University ¹ Department of Food Science Food and Bioengineering Group, ² Department of Virology, Bomenweg 2, NL-6703 HD Wageningen, The Netherlands

In: Appl Microbiol Biotechnol 30:497–501

On page 499 the growth rate of cells has been erroneously described by $k_g = \ln(2)/\tau_0$. With $k_g = 1/\tau_0$, the correct notation for Eq. (8) *becomes*:

$$k_r = \frac{C_0}{C_1 \tau_1} \quad (8)$$

Applying this to the data listed in Table 1, the reaction rate constants are $1.07 \cdot 10^{-5}$ (instead of $0.93 \cdot 10^{-5}$) and $0.86 \cdot 10^{-5}$ (instead of $0.72 \cdot 10^{-5}$).

Since substitution of Eq. (6) in Eq. (7) results in:

$$C_2 = \frac{C_1^2}{C_0}$$

the predicted viable cell concentration in the second reactor of series A is not affected.