

Erratum

Erratum to “Indirect headspace gas chromatographic method for vapor–liquid phase equilibrium study”  
[J. Chromatogr. A 799 (1998) 207–214]☆

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Received 13 August 2003; accepted 13 August 2003

**Keywords:** Headspace analysis; Vapor–liquid phase equilibrium; Partition coefficients; Thermodynamic parameters

Page 211, left column, first paragraph, lines 4 and 5 of text: the variances of peak area  $A$  should be squared:

$$\sigma^2(A_1) = \sigma^2(A_2) = (2.5\% A_1)^2 > (2.5\% A_2)^2$$

Therefore, the variance of  $r$  is:

$$\sigma^2(r) = 0.625 \times 10^{-3} \times r^2(r^2 + 1)$$

Pages 211 and 212: Because of the above correction, Figs. 1 and 2 were recalculated. The results are displayed below. The new results do not change the discussions in the paper, so no modifications of the text are needed.

Page 211, left column, Eq. (9):  $H^*$  should be squared in the right-hand side of the equation. It should read:

$$\frac{\sigma^2(H^*)}{(H^*)^2} \approx \frac{(1-x)^2}{(1-r)^4} \left( \frac{V_t}{V_1^1} \right)^2 (H^*)^2 \sigma^2(r)$$

Page 212, caption to Fig. 2b: the  $K$  value should be 20, i.e. (b)  $K = 20$ .

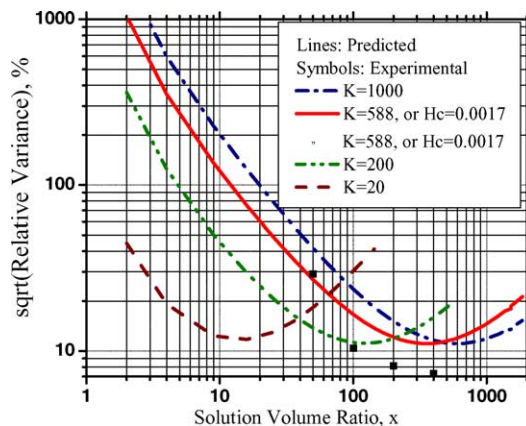


Fig. 1. Analysis of the effect of the solution volume ratio,  $x$ , on the relative error in measuring various partition coefficients,  $K$  values, using the present method with  $V_1^1 = 10$  ml.

☆ doi of original article 10.1016/S0021-9673(97)01107-2.

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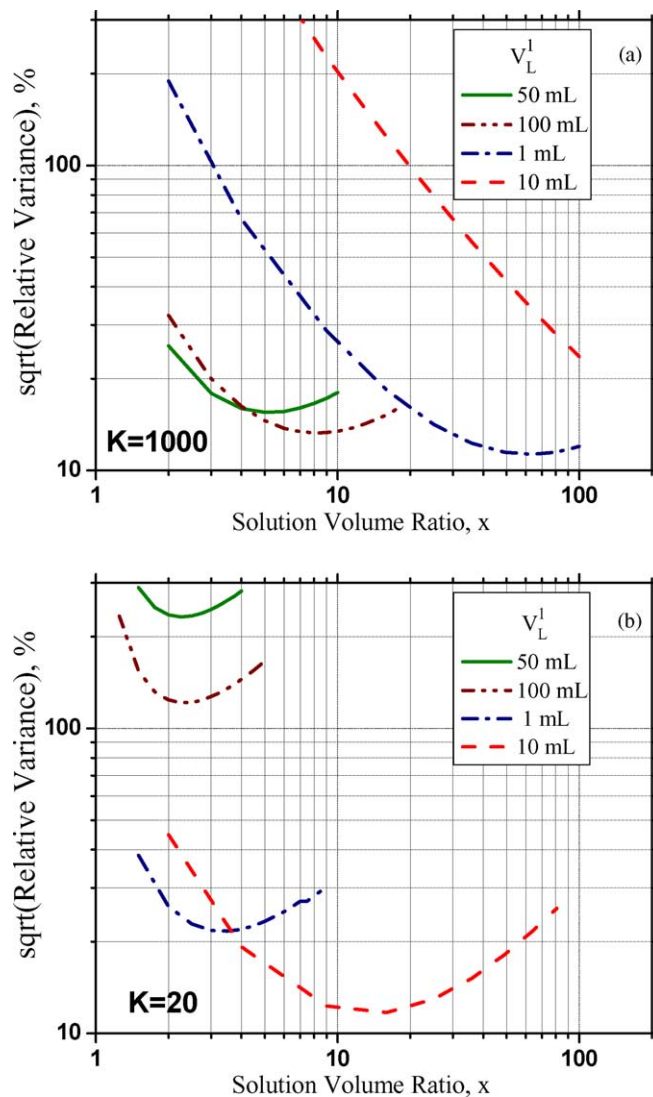


Fig. 2. Analysis of the effect of the solution volume  $V_L^1$  on the relative measurement error at different solution volume ratio,  $x$  values. (a)  $K = 1000$  and (b)  $K = 20$ .