

ADDITIONS AND CORRECTIONS

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J. S. Pilgrim and C. A. Taatjes: Infrared Absorption Probing of the Cl + C₃H₆ Reaction: Rate Coefficients for HCl Production between 290 and 800 K

Page 5776: The equations for the HCl ($\nu = 1 \leftarrow 0$) absorption in cases where both $\nu = 1$ and $\nu = 0$ are populated by chemical reaction, which we have previously published, are in error. The expression for the Boltzmann correction, denoted ϵ , was inadvertently reported as the reciprocal of the correct factor. Equation 13 should read

$$\epsilon = \frac{Q_{\text{rot}}^{\nu=0} e^{-J_{\text{upper}}(J_{\text{upper}}+1)B_{\nu=1}/k_{\text{B}}T}}{Q_{\text{rot}}^{\nu=1} e^{-J_{\text{lower}}(J_{\text{lower}}+1)B_{\nu=0}/k_{\text{B}}T}}$$

The data were in fact analyzed with the correct equations, and the conclusions remain completely unaltered.

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