

**(vertical) rise velocity,  $v_f$**

*in flame emission and absorption spectrometry*

The vertical component of the velocity of the volatilized component in the observation space (in  $\text{mm s}^{-1}$ ). It depends on the flame temperature, the solute nebulized, the observation height and the gas flow rate.

**Source:**

PAC, 1986, 58, 1737 (*Quantities and units in clinical chemistry: Nebulizer and flame properties in flame emission and absorption spectrometry (Recommendations 1986)*) on page 1742