

**electrophoretic mobility,  $\mu$** 

The observed *rate of migration* of a component ( $v$ ) divided by electric field strength ( $E$ ) in a given medium.

Notes:

1. Mobilities are sometimes expressed with a negative sign, because migration of the solutes or particles generally occurs in the direction opposite to the electrophoretic field (which is taken as reference for that direction).
2. In a solid support medium, only apparent values can be determined.

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