

electrophoretic mobility, μ

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.

Source:

PAC, 1994, 66, 891 (*Quantities and units for electrophoresis in the clinical laboratory (IUPAC Recommendations 1994)*) on page 894