

filling solution

of a reference electrode

Solution containing the anion to which the reference electrode of the operational pH cell is reversible, e.g. chloride for silver-silver chloride electrode. In the absence of a bridge solution, a high concentration of filling solution comprising cations and anions of almost equal mobility is employed as a means of maintaining the liquid junction potential small and approximately constant on substitution of test solution for standard solution(s).

Source:

PAC, 1985, 57, 531 (*Definition of pH scales, standard reference values, measurement of pH and related terminology (Recommendations 1984)*) on page 541