

thickness of diffusion layer

in electrochemistry

The distance from the electrode where the ratio

$$\frac{c - c_e}{c_0 - c_e}$$

reaches a given value. (c_e is the interfacial concentration, c is the concentration, c_0 is the value in the bulk solution.) If this ratio is selected as, say, 0.99 the corresponding thickness of the diffusion layer is denoted by $\delta_{0.99}$.

See also: diffusion layer

Source:

PAC, 1981, 53, 1827 (*Nomenclature for transport phenomena in electrolytic systems*) on page 1837