

Electro photometric sensing assay for eye currents by chrono potentiometric system

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Photo sensing analysis of spectrometric assay was performed using CDS working circuits of a reference and counter three electrode systems, in which a sensing probe was controlled by using an electrochemical voltammetric workstation. Programming control was done with -2.0 V initial potential, 2.0 V final potential windows, and scanning was done to the chrono cyclic potentiometry with oxidation and reduction scan by 0.5 V/ sec, wave strength used during 350~700 nm connection under optimum conditions. Various parameters were examined such as cyclic potential, oxidation-reduction scan, frequency variation, accumulation times, and other para conditions. The result was attained to 1.0×10^{-8} A photo current detection working ranges, which can be applied to eye signals of photometric neuro wave analysis.