

Coulometric Study of the Ubiquinone,0 Interaction with Nucleic Acid Bases

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The change in the number of reduction electrons of ubiquinone,0 ($7.5 \cdot 10^{-6}$ mol/l) due to the presence of nucleosides or nucleic acid bases is measured coulometrically. The number of the reduction electrons varies from 2 – 1.72. The results are explained in terms of molecular interactions present between the two components of the mixture even at low concentrations.

Key words: Coulometry; Ubiquinone,0; Nucleosides; Interaction.