



**Kinetics and mechanism of oxidation of aminoalcohols with
N-Bromophthalimide in aqueous acetic acid**

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ABSTRACT

The kinetics of oxidation of amino alcohols (AA), viz., mono ethanolamine (MEA), di ethanolamine (DEA) and tri ethanolamine (TEA) by N-Bromo phthalimide (NBP) in the presence of mercuric acetate have been investigated in aqueous acetic acid medium. The order in [NBP] was found to be unity and fractional order dependence on [substrate] was observed. Michaelis -Menten type mechanism was proposed. Activation parameters have been evaluated.

Keywords: Kinetics, oxidation, amino alcohols, N-Bromophthalimide.
