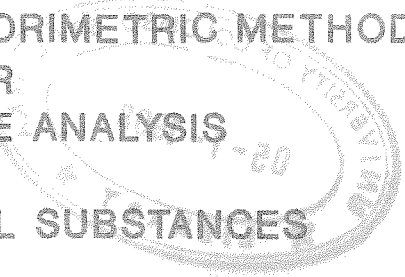


DEVELOPMENT OF FLUORIMETRIC METHODS
FOR
QUANTITATIVE ANALYSIS
OF
PHARMACEUTICAL SUBSTANCES



CHITHRANANDA AJITH MUNISINGHE

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Dissertation submitted in partial fulfillment of
the requirements for the degree of MASTER OF SCIENCE
of the UNIVERSITY OF COLOMBO, SRI LANKA.



June - 1997

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ABSTRACT

Two spectrofluorimetric methods were developed for the quantitative determination of Indomethacin in capsule and Carbamazepine in tablet formulations.

Using the new methods four market samples of Indomethacin capsules and four market samples of Carbamazepine tablets were analyzed and the results were compared with that of official methods.

The methods were simple and the inherent fluorescent properties of the molecules were used in the development process. Fluorescence of Indomethacin was induced by the reaction with sodium hydroxide and stabilised with ethanol and that of carbamazepine was induced by the reaction with nitric acid.