

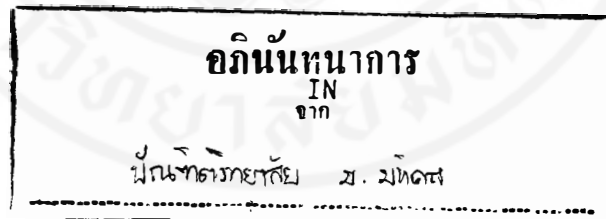


[27 MAR 1990

PHENOL RED: A SUBSTRATE FOR BROMOPEROXIDATION
BY MYELOPEROXIDASE AND ITS APPLICATIONS

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A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
(BIOCHEMISTRY)



FACULTY OF GRADUATE STUDIES

MAHIDOL UNIVERSITY

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1989

013867

The bromoperoxidatic reaction of phenol red provided a convenient assay for some haloperoxidases *in vitro*. In staining white blood cells, phenol red could distinguish between granulocytic series and lymphocytic series, and differentiate the early myeloblasts from monoblasts. Polyacrylamide gel activity staining of some bromoperoxidatic and chloroperoxidatic enzymes was also successfully performed by this dye.