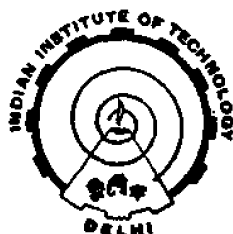


**STUDIES ON SEPARATION OF ETHANOL
FROM FERMENTED BROTH BY
ADSORPTION—DESORPTION**

by
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THESIS SUBMITTED TO THE INDIAN INSTITUTE OF TECHNOLOGY, DELHI
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DOCTOR OF PHILOSOPHY



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JUNE 1985**

CERTIFICATE

This is to certify that the thesis entitled "Studies on the Separation of Ethanol from Fermented Broth by Adsorption-Desorption" by Rajinder Kumar Malik has been prepared under our supervision in conformity with the rules and regulations of the Indian Institute of Technology, Delhi. The research report and results presented in the thesis have not been submitted for any degree in any other university.


(P. Ghosh)


(T.K. Ghose)

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SUMMARY

ANNEXURES (I TO IV)

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