

Price, Re. 1.]

[Vol. 10A, Part IX, pp. 97 to 116.]

JOURNAL

OF THE

Indian Institute of Science.

CONTENTS.

STUDIES IN INTENSIVE BACTERIAL OXIDATION.
THE OXIDATION OF AMMONIA TO NITRIC ACID, PARTS I—IV.

BY

Gilbert J. Fowler, Y. N. Kotwal, Roland V. Norris,
S. Ranganathan and M. B. Roy.

DR. M. O. FORSTER, F.R.S., CHAIRMAN OF EDITORIAL BOARD.

STUDIES IN INTENSIVE BACTERIAL OXIDATION. THE OXIDATION OF AMMONIA TO NITRIC ACID.

*By Gilbert J. Fowler, Y. N. Kotwal, Roland V. Norris,
S. Ranganathan and M. B. Roy.*

LIST OF PARTS.

Parts I—IV.

PART		PAGE
I.	INTRODUCTION. By Gilbert J. Fowler	97
II.	THE EFFECT OF VARIOUS SUBSTANCES ON THE RATE OF NITRIFICATION. By M. B. Roy	100
III.	THE NITRIFICATION OF AMMONIA IN STRONG SOLUTIONS. By Y. N. Kotwal	102
IV.	FACTORS INFLUENCING THE RATE OF OXIDATION. By S. Ranganathan and Roland V. Norris	107