## Journal of the Indian Institute of Science

Vol.No.4

1921

## Table of Contents

Research Notes on the Acetone Fermentation Process in India Gilbert J. Fowler, Y. D. Wad and A. G. Gokhale	1-15
The Specific Gravities of mixtures of Butyl Alcohol and Water Yeshwant Dattatraya Wad and Ananth Gundo Gokhale	17-25
A suggested method for the extraction of Turpentine, Resin and Gum from the Gum-Oleo-Resin of Boswllia serrata without use of solvents Gilbert J. Fowler and Mangesh Anant Malandkar	27-42
Additive Compounds of Arylamines with Nitro-derivatives of Naphthalene	43-58

J. J. Sudborough, Norman Picton and D. D. Karré	
The manufacture of Thymol from Ajowan J. V. Lakhani, J. J. Sudborough and H. E. Watson	59-84
Phase Transformation and Phase Balancing A. Hay and F. N. Mowdawalla	85-106
Some experiments in the use of Antiseptics in the manufacture of Glue and Gelatine Gilbert J. Fowler, Kalyan C. Srinivasan and V. S. Chinnaswami	107-118
Studies relating to the Bacteria associate with rice and other cereals Gilbert J. Fowler and Dhiresh Lobhan Sen	119-147
Preliminary note on the Purification of Water by Activated Silt Gilbert J. Fowler and R. R. Deo	149-157
Additive Compounds of m-Dinitrobenzene D. D. Karré and J. J. Sudborough	159-176
The action of Methyl and Ethyl alcohols on Esters of 2:6-Dinitro and 2:4:6-Trinitro Benzoic acids J. J. Sudborough and D. D. Karré	177-180

STUDIES IN ALOHOLYSIS IV. The alcoholysis of esters of αβ – unsaturated acids and of the Corresponding Saturated esters B. Dasannacharya and J. J. Sudborough	181-204
The Bio-chemistry of the indigenous indigo dye Vat Gilbert J. Fowler and M. Srinivasiah	205-221
The development of Chemical Industries in India H. E. Watson	223-240
Some experiments on the production of Power Alohol and Paper Pulp from Megasse <i>Gilbert J. Fowler and Bholanath Bannerjee</i>	241-260
Sags and Tensions of Solid Cooper Overhead Conductors under Indian Conditions <i>S. V. Ganapati, with an introductory note by A. Hay</i>	261-290

.