

# Journal of the Indian Institute of Science

Vol. No.2

1919-1920

## Table of Contents

The Training of Students in Applied Chemistry <i>Gilbert J. Fowler</i>	1-12
Indian Essential Oils <i>J. J. Sudborough</i>	13-27
The Oleo-resin from <i>Hardwickia pinnata</i> <i>K. Sitaram Iyer and J. J. Sudborough</i>	29-35
The Oleo-resin from <i>Dipterocarpus indicus</i> <i>J. C. Mansukhani and J. J. Sudborough</i>	37-45
The Vapour Pressures of Acetone – Part I <i>G. R. Paranjpe</i>	47-58
The Vapour Pressures of Concentrated Solutions – Part II <i>G. R. Paranjpe</i>	59-72
Wood distillation – Part I <i>H. E. Watson and J. J. Sudborough</i>	79-106
The Distillation of some South Indian Woods – Part II <i>H. E. Watson, J. J. Sudborough, K. S. Dheerendra Doss and K. Umanatha Rao</i>	107-119
Studies on Alcoholysis (Part II Alcoholysis in the absence of a catalyst) <i>J. J. Sudborough, N. B. Bhagvat and V. K. Bhagvat</i>	121-136
Tests for Ganja and other products from Indian Hemp ( <i>Cannabis indica</i> ) <i>J. J. Sudborough and Padubidri Ganesh Rao</i>	137-142
Some Experiments on the Cathode fall (Part I in Neon and Helium) <i>H. E. Watson and G. R. Paranjpe</i>	143-165
In Argon, Hydrogen and Nitrogen (Part II) <i>Gopal Paranjpe</i>	166-177
The Hydrolysis of Naphthol Ethers <i>Gopal Balkrishn Kolhatkhar</i>	179-186

The Enolisation of Carbonyl compounds under the influence of Grignard's Reagents	187-194
<i>Vinayak Keshav Bhagvat and J. J. Sudborough</i>	
Some Enzymes of the leaf <i>Lantana camara</i>	195-208
<i>Jal D. Edal Behram</i>	
A Laboratory Vacuum Film Evaporator	209-212
<i>H. E. Watson</i>	
Oil Splitting by Castor Seed lipase (Part I : Lipolytic enzymes)	213-240
<i>J. J. Sudborough, H. E. Watson and P. S. Varma</i>	
Part II: Experiments on the splitting of oils by means of Castor Seed Lipase	241-265
<i>J. J. Sudborough, H. E. Watson and P. S. Varma</i>	
Part III: Experiments on oil splitting with germinating and Resting Castor seeds	266-267
<i>K. G. Laiwala</i>	
Part IV: Advantages of the fermentation process	268-273
<i>J. J. Sudborough and H. E. Watson</i>	