

TITLE INDEX

(VOLUME 39—SECTION A)

	Page
Abstracts	76, 219, 257, 283
Alkalic Pico-Optic Coefficients of Liquids—Ethyl Acetate, Methyl Acetate, Amyl Acetate and Cyclohexanol (C. K. Narayanaswamy)	113
Agar Electrophoresis. Part II. Quantitative Evaluation of Agar Electro- phoresis Patterns of Human Serum Proteins by Densitometry and Comparison with Moving Boundary Electrophoresis (K. V. Giri, Ravindra Nath and H. Sekantish)	224
———— Part III. Animal Haemoglobins (K. V. Giri and N. C. Pillai)	248
Antibiotics from the Genus <i>Pisarium</i> <i>Eschscholii</i> -B (M. O. Tirumayyan and M. Siro):—	
Part I. Culture Studies and Antimicrobial Activity	183
Part II. The Antitubercular Activity of <i>Eschscholii</i> -B	215
Chemical and Antibacterial Properties of Kinns from <i>Sarcophyte</i> Spp. <i>Citrifloroi</i> —the Antibiotic Principle from the Kinns of <i>E. citrifloroi</i> [Misc] S. S. Sawalakar, T. R. Gupta and P. L. Narasimha Rao]	185
Design of the Fischer-Tropsch Synthesis Pilot Plant (E. Weingartner and F. K. Deshpande)	209
Dispersion of Faraday Rotation in Some Optical Glasses (V. Siva- ramakrishnan)	19
Dispersion of the Pico-Optic Constants of Vitreous Silica (E. S. Jogi)	181
Dispersion of the Stress Optical Coefficient of Vitreous Silica (E. S. Jogi)	93
Faraday Effect in Cubic Crystals (V. Sivasramakrishnan)	1
High Pressure Catalytic Ammonolysis of Alcohols (V. A. Krishnamurthy and M. R. A. Rao)	138
Influence of Humidity on Feed Utilization by the Silkworm <i>Bombyx mori</i> L. [Misc] K. Sharada and J. V. Bhat]	220
Infrared Absorption Spectra of Copper Potassium Oxalate, Copper Sodium Oxalate and Copper Ammonium Oxalate (B. R. Lakshmanan)	26
Infrared Absorption Spectrum of Sodium Citrate (B. R. Lakshmanan)	27
Magneto-Optic Constants of Ions in Aqueous Solutions (V. Sivasrama- krishnan)	108

	Page
Oxalates of Titanium (D. P. Kharkar and C. C. Patel)	41
Proteolytic Activity of Silk Paper (<i>Bombyx mori</i> L.) and Depurining of Silk Waste [(Mrs.) K. Shanada, (Mrs.) M. B. Shyamala and J. V. Bhat]	89
Raman Spectra of Alkali Halides (R. S. Krishnan and P. S. Narayanan) ..	83
Seasonal Variations in the Growth of, and Silk Production by, the Silkworm <i>Bombyx mori</i> L. [(Mrs.) K. Shanada and J. V. Bhat]	46
Some Techniques for Structure Factor Calculation (S. Ramasathan and K. V. G. Sankara Rao)	34
Space-Charge Effects in a Proportional Counter (V. S. Venkatasubramanian)	125
Spectrophotometric Investigations on the Iron (III)-Murexide Complex (S. G. Tandon and C. C. Patel)	128
Studies on a 'Balanced Food' (B. M. Lal and R. Rajagopalan) —	
Part I. Processing and Related Aspects	161
Part II. The Quality of the Proteins of the Food	169
Studies on the Fundamental Reactions of the Fischer-Tropsch Synthesis from Reaction Balances (E. Weingaertner, P. K. Deshpande and M. Ramacharyulu)	36
Studies on the Regeneration of Blood and Tissues [(Mrs.) V. V. Chiplunkar, A. S. Ramaswamy and M. Srid]	254
Temperature Variation of Refractive Index and Optical Rotation of Sodium Chloride (C. P. Gopalakrishnan)	13
Thermo-Optic Behaviour of Calcium Fluoride, Ammonium Chloride and Zinc-Blenide at Low Temperatures (C. P. Gopalakrishnan)	11
Vitamin Requirements of <i>Torulopsis glabrata</i> , a Marine Yeast (B. Ranganathan and C. A. Sastri)	159