Contents

Special Article
Oxygen Isotopes in Nature and in the Laboratory: Harold C. Urey 489

News and Notes 496

Technical Papers
The Amino Acid Content of Bacteriophage: A. Polson and Ralph W. G. Wyckoff 501
The Combined Effect of Potassium Iodide and Streptomycin on Established Tuberculosis in Guinea Pigs: Edgar Woody, Jr., and Roy C. Avery 501
Graphite Bearings for Mechanical Stirrers: Henry David Baldridge, Jr. 502
Tissue Potassium Determinations: David Stone and Sumner Shapiro 503
Duration of Viability of Neurotropic Viruses in an Experimental Plumbing System Contaminated by Back-Siphonage: Joseph Zichis and E. A. Pissczek 503
Role of Sulfhydryl Compounds in Pigmentation: Peter Flesch and Stephen Rothman 505
Detection of Sulfur-containing Amino Acids on Paper Chromatograms: Herbert M. Winegard, Gerrit Toennies, and Richard J. Block 506
A Brain-Wave "Correlator": C. W. Goodwin and S. N. Stein 507

Spontaneous Increase in Potency of Thromboplastin From Acetone-extracted Brain Tissue: Paul M. Appelger, Tillie B. Leake, and John C. Talbot 507
Standardized Pain Stimulation as Controlled Stress in Physiological Studies of Psychoneurosis: R. B. Malmo, et al. 509

Comments and Communications
Two New Organic Rhenium Compounds; Statement Recommending the Establishment of an International Biological Control Organiza- tion; Action Potentials From Single Auditory-Nerve Fibers; On Obtaining Books From Germany; Genetic and Endocrine Determinants of the Plasma Urate Level 512

Book Reviews
Atomic energy; being the Norman Wait Harris lectures delivered at Northwestern University: Karl K. Darrow. Reviewed by R. D. Huntoon 515
Hemostatic agents: with particular reference to thrombin, fibrinogen and absorbable cellulose: Walter H. Seegers and Elwood A. Sharp. Reviewed by L. B. Jaques 515

Scientific Book Register 516

(cover photo by S. A. Koff.)
Science 108 (2810), 489-516.