Table of Contents

The National Academy of Sciences: 
Abstracts of Papers Presented at 
the 1950 Annual Meeting 453

Technical Papers

The Availability of Various Manganese 
Oxides to Plants: 
L. H. P. Jones and G. W. Leeper 463

The Distribution of S³⁴ in Nature and 
the Sulfur Cycle: A. Szabo et al. 464

Weight and Body Temperature: 
Simon Rodbard 465

On the Amendment of the Nomenclature of 
the Rh-CDE System: Edward F. Ducey 
and Robert I. Modica 466

Rate of Elimination of C¹⁴ Administered 
as BaC¹⁴O₃: J. Govaerts 467

Studies on the Metabolism of Administered 
Cytochrome C by the Aid of Iron-labeled 
Cytochrome: Helmut Heinert 469

A Noncarotene Provitamin A for 
Fishes: Charles E. Lane 471

Pantothenic Acid in Copper Deficiency in 
Rats: Leon Singer and George K. Davis 472

The Isolation of a Mucopeptide from 
Aerobacter aerogenes: George H. Warren 473

On the Mechanism of Action of 
Aureomyein: W. F. Loomis 474

Comments and Communications

Absence of Vitamin A in Liver Oil of the 
Brown Shark; Radioactive Phenomena at 
the Hillside Mine; Fermentative Capacity 
of Lactobacilli from Carious Lesions; 
The Agricultural Impasse; Note on the 
Protective Action of Diparcol against 
Lethal Doses of Nicotine 475

News and Notes 477
Science 111 (2887), 453-480.