

MANUAL

OF

CHEMISTRY.

A GUIDE TO LECTURES AND LABORATORY WORK FOR BEGINNERS
IN CHEMISTRY. A TEXT-BOOK SPECIALLY ADAPTED FOR
STUDENTS OF MEDICINE, PHARMACY, AND
DENTISTRY.

BY

W. SIMON, Ph.D., M.D.,

PROFESSOR OF CHEMISTRY IN THE COLLEGE OF PHYSICIANS AND SURGEONS OF BALTIMORE, AND IN
THE BALTIMORE COLLEGE OF DENTAL SURGERY; EMERITUS PROFESSOR IN THE MARYLAND
COLLEGE OF PHARMACY, DEPARTMENT OF THE UNIVERSITY OF MARYLAND.

AND

DANIEL BASE, Ph.D.,

PROFESSOR OF CHEMISTRY IN THE MARYLAND COLLEGE OF PHARMACY, DEPARTMENT OF THE
UNIVERSITY OF MARYLAND, AND OF ANALYTICAL CHEMISTRY IN THE DEPART-
MENT OF MEDICINE, UNIVERSITY OF MARYLAND, BALTIMORE.

TENTH EDITION, THOROUGHLY REVISED.

WITH EIGHTY-TWO ILLUSTRATIONS, ONE COLORED SPECTRA PLATE,

AND

EIGHT COLORED PLATES REPRESENTING SIXTY-FOUR CHEMICAL
REACTIONS.



LEA & FEBIGER,
PHILADELPHIA AND NEW YORK.