

**A SHORT MANUAL OF  
ANALYTICAL CHEMISTRY,  
QUALITATIVE AND  
QUANTITATIVE - INORGANIC  
AND ORGANIC**

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A short manual of analytical chemistry, qualitative and quantitative - inorganic and organic by  
John Muter

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**JOHN MUTER**

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Qualitative and Quantitative—Inorganic and Organic.

BY

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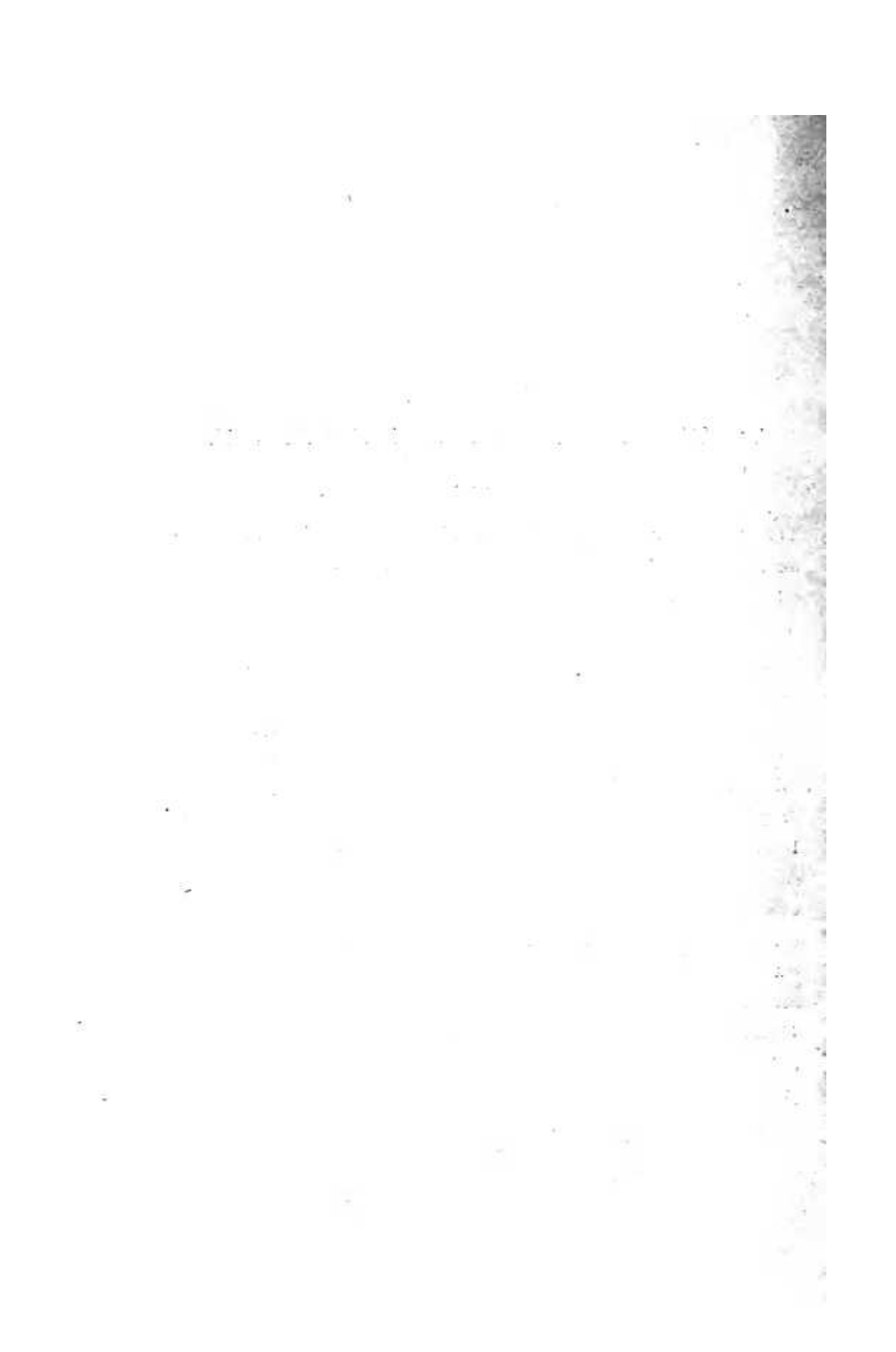
## PREFACE TO THE FOURTH AMERICAN EDITION.

THE continued favour with which the book has been received has encouraged me to persevere in offering to students a concise, and consequently low-priced, manual, designed to introduce them to the chief developments of analytical chemistry, from the simplest operations upwards, and including many organic questions generally overlooked in initiatory books. By working through it, a student will become familiar with a great variety of processes, and will then be in a position to use, with satisfaction, the more exhaustive treatises dealing with any special branch he may desire to follow. Originally written for the use of pharmaceutical students, it has, I hope, far passed its primary limits, while at the same time not losing its value to them. In the chapters on Volumetric and Drug Analysis, wherever British processes are different from those of the U.S.P., they have been altered to suit that excellent and carefully compiled authority. Certain comparatively unimportant matters contained in the ninth British edition have been dropped out to make room for the greatly extended chapter on Drug Analysis, necessitated to meet American requirements as contained in the revised U.S.P. of September 1st, 1905, but even then it has been found imperative to increase the size of the book.

J. M.

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