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ANALYTICAL AND CONSULTING  
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DIRECTORS:  
HARRY BREARLEY.  
F. C. MOORWOOD.  
W. H. DYSON.

*Attercliffe Road,*

*Sheffield,*

July 22nd. 1908.

Sir. Wm. Crookes.

London.

Dear Sir,

I respectfully beg to draw your attention to an error  
in your book "Selected Methods in Chemical Analysis", 1905 edition.

In the table for conversion of kilogrammes per sq.  
mm, into lbs per sq. inch, the figure given for 7 kilogrammes is  
6978.15, this should be 9978.15.

Yours faithfully,

W. H. Dyson

# CHEMICAL ANALYSIS

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311

# SELECT METHODS IN CHEMICAL ANALYSIS

(CHIEFLY INORGANIC)

BY

SIR WILLIAM CROOKES

HON. D.SC. (OXFORD AND DUBLIN), F.R.S., P.P.C.S., P.P.INST.E.E.

EDITOR OF 'THE CHEMICAL NEWS'

FOURTH EDITION, REWRITTEN AND ENLARGED



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# PREFACE

TO

## THE FOURTH EDITION

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IN the eleven years which have elapsed since the publication of the last edition of this book a great and constantly increasing number of fresh analytical processes of various descriptions, many of which the Author has had occasion to test, have been described in current literature, and hence it seemed desirable to revise the text and embody in it the results of the Author's personal investigations. In doing so it has been found necessary to rewrite entirely many parts of the book, enlarging considerably in some places and curtailing in others.

The new methods which are now included for the first time are those which have been found to yield satisfactory results under the conditions described. In keeping rigidly to the rule of omitting methods of which he has no personal experience the Author believes that he has added to the value of the book as a work of reference, to which appeal may safely be made in cases of difficulty and indecision; and while the omission of any special method does not necessarily mean that it is to be regarded either as unimportant or untrustworthy, its inclusion on the other hand may be taken as a testimony to its accuracy and trustworthiness.

LONDON: *July* 1905.