

putation of analytical factors, the International Atomic Weight Table of 1904 was used.

It is indeed fortunate that the late Dr. Castell-Evans was able to complete this work, for which English-speaking chemists and physicists must alike stand in his debt. The statistical temperament in such a high degree is not given to many. For the collection of such data in the future, however, we are able to look forward to the International Annual Table of Constants beginning from 1910. Time must test the accuracy of quotation and recalculation of Castell-Evans's work; but, however the test may result, it must be true for this, as for the earlier volume, that the searcher will often here be led to data which were missed in other tables. Verification by reference to the original literature must follow in any case, and it is to be regretted that the references given in this work are not more complete. Some may think that the instinct for tabulation has sometimes led the author rather too far: for example, whenever called upon to titrate with columbium pentafluoride, many analysts might prefer to spend some moments in computing their own analytical factors from the atomic weight table of 1911 rather than to turn up the factor here tabulated (to *seven* places of logarithms) from the atomic weights of 1904. Any minor blemishes, however, will be gladly overlooked in view of the undeniable value of the work as a whole. In the absence, especially, of any large text-book of physics, works of this character in English have been all too few.

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