

As can be seen, Fractions B and C show a germicidal coefficient slightly higher than "Trikrisol" (Schering), and Fraction A is lower.

Summary and Conclusions.

Purified and redistilled cresol can be used as a preservative for biological products. The fraction from 199–204°, with a sp. gr. of 1.030 at 25°, is the best for this purpose. It has the same toxicity as phenol, only slightly lower than "Trikrisol," but a germicidal coefficient of 2.55, which is higher than that of "Trikrisol."

Investigations are under way as to the practical value of preservatives in immune sera and purified antitoxin.

ALBANY, N. Y.

NEW BOOKS.

Practical Chemistry for Medical Students. By ALEXANDER CHARLES CUMMING. Second edition. 165 + 8 pages. Edinburgh: James Thin, 1917.

The first edition of this little book was published in 1911. It contains a series of simple experiments in general chemistry, some work in qualitative analysis, a few pages on volumetric analysis and a very few experiments on a number of physiologically important substances.

There is nothing in the book which would indicate that it is especially suited to the needs of medical students.

J. H. LONG.

Palotay's Chemistry and General Science Chart. By JULIUS A. PALOTAY. Published by the author, 405 So. Hill St., Los Angeles, California. Price, \$3.00, postpaid.

This wall-chart consists of a table of the common elements with their physical constants and properties, confirmatory qualitative tests, etc.; miscellaneous anatomical and physiological data; and a collection of odds and ends such as the following: "coal, which is chiefly carbon;" "fluorine—has a green flame, dissolves glass;" "color-heat and light-producing waves;" "gaseous state—has absolutely no self-subsistent figure;" hardness—resists force that passes between their particles."

H. G. DEMING.