

face continued)

TEX

November 1, 1954

Dr. Francis B. Elder
The American Public Health Association, Inc.
1790 Broadway
New York 19, New York

Dear Dr. Elder:

Thank you very much for sending me the ozolided copy of the manuscript for my inspection. Also, thank you for your letter containing the comments by one of the reviewers. We have gone over the comments very carefully and have considered changes in the text wherever these seemed useful or desirable. We are, of course, grateful to the reviewer for pointing out some typographical errors.

Some of the inserts suggested by the reviewer appear to us to be unnecessary, since they are based on personal preference. We feel it is better to describe foolproof methods and to let the reader make changes which fit his own problems after he has gained some experience with the methods. Some modifications will become evident after a little experience with the method; however, if the committee feels that some of the inserts should be included, we would agree to a decision to do so, if they are limited to the following:

- p. 23 - "Wet Ignition on the Hotplate" as indicated on page 2 of your letter of October 22, 1954.
- p. 25 - "Wet Ignition on the Hotplate" also indicated on page 2 of your letter of October 22, 1954.

For the sake of clarity, the following additions or corrections should be made.

- p. 22a, line 8 - The correct formula is:

$$G = 1000 (\text{sp. gr.} - 1).$$

- p. 23, line 15 - Change line to read:

"of urine in a 600-ml. Kjeldahl flask or a 600-ml. beaker, add 10-20 ml....."

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p. 24, line 13 - Change sentence to read:

"Muffle Furnace. Weigh the entire sample
(5 to 20 grams) into a....."

p. 24, line 24 - Change line to read:

"Digestion Method. Weigh the entire sample
(5 to 20 grams) into a....."

p. 33, line 24 - Omit:

"with a Westphal balance."

p. 35, line 2 - After potassium cyanide, insert:

"(200 ml. of purified 10% potassium cyanide)"

p. 41, line 15 - Change to read:

"to approximately 0.01 mg."

p. 56, line 14 - Change to read:

"aqueous phase with clear chloroform."

p. 64, line 9 - Insert as continuation of line, same paragraph:

"Bismuth is satisfactory as the internal standard because the amount used is so large that the intensity of the line at 2898.1A is not affected by the amounts of bismuth which may be present in all samples except some samples of the feces. In the latter case, following the use of bismuth salts in medical therapy, the amount of bismuth in the feces is so great that bismuth is not a satisfactory internal standard. Such a condition is rarely encountered and can be detected readily. A different internal standard may be used in this case. Chromium is suggested."

p. 64, line 12 - Change to read:

"1 ml. = 10 mg. bismuth."

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p. 67, line 9 - Change to read:

"0.00 to 0.5 mg./100 ml.,"

p. 67, line 10 - After each 100 ml. insert:

"diluent buffer solution"

p. 68, line 8 - Make sentence read:

"If the quantity of lead exceeds 10 mgs. per
100 ml. of diluent buffer solution, the
analysis....."

Very truly yours,

J. Cholak

JC:ma

cc: Dr. R. A. Kehoe

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