

THE PFAUDLER CO.

a division of RITTER PFAUDLER CORPORATION

ROCHESTER, NY 14603

(716) BE 5-1000

December 19, 1966

Dr. R. A. Kehoe
Kettering Laboratory
College of Medicine
University of Cincinnati
Cincinnati, Ohio 45219

Dear Dr. Kehoe:

We recently received a lead analysis on three samples of beer we submitted to your laboratory to the attention of Mr. J. Scholak. Samples A and B had been exposed to one of our experimental glasses. Sample C was a control sample of unexposed beer. As you will note, a detectable amount of lead was picked up. We found pretty good correlation with our own lead analysis run here, so that your test served to confirm this.

We were greatly surprised that this much lead was detected, and our test was exaggerated by a factor of about 12 times in the ratio of area of glass exposed per unit volume. In an actual tank application, therefore, we could reduce the lead figures by a factor of 12 to give approximately .02 parts per million pick up. In addition, our exposure time was more severe, by a factor of about 4, than would be expected in normal usage.

Now that we have some data, we would like to proceed to contact the FDA for an opinion on whether a glass of this type would be acceptable or not. If it is not acceptable, we would then like to obtain from them a statement about what would be permissible. The outcome of a statement like this would be to finally recommend to our people whether to discontinue further work on lead bearing glasses.

There is still the feeling here that certain products containing lead have received the sanction of the FDA and, therefore, they must have some criterion on which to judge. The products we have in mind are the lead containing dinnerware glasses and lead containing solders for food processing equipment. If this is so, then they must have some limitations that they could give us as a goal.

Would you consider the results and then let us have your comments as to our taking this next step. We have in mind that if you are in

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Washington some time, one or two of us from here might join you for a discussion for the appropriate FDA people. We don't feel that we can make a decision on whether or not to proceed until we do have an actual meeting with the FDA people.

We will look forward to hearing from you.

Very truly yours,

O. J. Britton

O. J. Britton
Technical Development Department

OJB:ek
Att.

KE 0019955

KETTERING LABORATORY
COLLEGE OF MEDICINE, UNIVERSITY OF CINCINNATI
EDEN AVENUE, CINCINNATI, OHIO 45219

Material: Three samples of beer
Submitted: November 21, 1966 by Mr. O. J. Britton and Mr.
H. L. Miller, The Pfaudler Co., Rochester, N.Y.
14603
Required: Analysis for lead content

Results

<u>Analysis Number</u>	<u>Beer Sample</u>	<u>Volume</u>	<u>Mg Pb in Sample</u>	<u>Mg Pb/Liter</u>	<i>OUR TEST</i>
66A-5999	A	280 ml	0.0715 ✓ <i>value</i>	0.26	0.23
66A-6000	B	285 ml	0.0425 <i>3/1</i>	0.15	0.16
66A-6001	C	265 ml	0.0005 <i>value</i>	0.002	0.0

1/3

A - *Room Temp*
B - *REFRIG*
C - *CONTROL*

Reported: 11-23-66

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