808 North Broadway · Baltimore 5 · Maryland

Dr. Joshua Lederberg
University of Wisconsin
College of Agriculture
Madison 6, Wisconsin

Dear Dr. Lederberg: 22 October 1953

My husband, Dr. L.L. Weed has asked me to answer your letter to him of October 12, 1953. He apologizes for the delay in his reply but he has been completely swamped by his duties as an assistant resident at Hopkins and he has had no time to answer his correspondence properly, let alone get any sleep.

We have checked the quick draft of the manuscript & the composition of the medium as you have it from the earlier draft was indeed in error: The description of the medium used reads as follows:

Na_2HPO_4	16.5 gms.
KH_2PO_4	1.5 gms.

etc. as you have it in your letter.

All the salts are described as being dissolved in 1000 ml. triple glass distilled H_2O & the pH was adjusted to 7.4 with NaOH.

At the time of each experiment, 3 mg per ml. of glucose were added. $CuSO_4$ was the source of cupric ion & was added to a molarity of 5×10^{-6} when used. Incubation was carried out in an H_2O bath at 37°C without aeration using 18 x 150 mm. Coleman cuvettes. Nutrient agar (BBL) from commercial sources was used.

My husband asked me also to comment for him on your findings with regard to the "K-12" culture. This had been sent to Dr. Weed by Dr. Seymour S. Cohen as K-12, and just before leaving the army graduate school, Dr. Weed did not have any facilities for checking it.

Hoping this information, belated as it is, will be of some use to you —

Yours sincerely

Laura B. Weed.