

Department of Agricultural Chemistry  
Kyoto University  
Sakyo-ken, Kyoto  
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Dr. Joshua Sederberg  
University of Wisconsin  
Madison, Wisconsin

Dear Dr. Joshua Sederberg:

I hope you do not mind if I write you this letter suddenly.

I belong to the Department of Agricultural Chemistry, Kyoto University, and have been researching on Nitrogen Fixation Mechanism by using Photosynthetic bacteria, *Rhodospirillum rubrum*.

Recently, I found that when the bacteria exist with *Azotobacter vinelandii*, - especially, in some substrate in which there are some interaction between the two bacteria, - the Nitrogen Fixing Ability is promoted very much.

I am now trying to find out the reason in point of enzymic aspects, and before long, I expect to be able to certify it. In order to make this experiment easier, I think it is necessary to try to use the U type tube that you used in certifying of Transduction. (Sintered pyrex "UF" filter). (J. Bact. 64, 679 (1952))

Unfortunately, however, in Japan, we cannot

get such a glass-filter (having a very small hole ( $2 \mu \times 0.1 \mu$ ) as you used, and Professor Apurva Bhender, my adviser, has tried to get it from America, asking many friends of his in America, but so far he has not been successful in obtaining it.

So, would you kindly teach me how to get it - that is, name of the company that produces the filter and its price?

I imagine you must be non-busy but we should be very much obliged to you if you would be kind enough to favor us with an answer.

We shall be looking forward to your information.

Sincerely yours,

Michiharu Kobayashi