Mr. William Y. Ellis
Chief, Department of Chemical Information
Division of Experimental Therapeutics
Walter Reed Army Institute of Research
Washington, DC 20307-5100

24 May 1999

Dear SIR:

This letter reports our preliminary findings on the determination of squalene in four vials of anthrax vaccine adsorbed product.

A shipment of ANTHRAX VACCINE ADSORBED, Manufactured By MICHIGAN DEPARTMENT OF PUBLIC HEALTH, Lansing, Michigan, 48909, U.S. License No. 99, were received 12 May 1999. This shipment consists of one vial from each of the following lots: LOT FAV017, EXP 6 FEB 99; LOT FAV019, EXP 6 FEB 99; LOT FAV034, EXP 23 FEB 99; AND LOT FAV036, EXP 16 MAR 99.

We have assayed for squalene in each of the above vials of anthrax vaccine adsorbed. No squalene was detected in any of the vials. The limit of detection is 70 nanogm squalene/0.5 cc of vaccine product, which volume is the label dose.

We will prepare and submit our final report as soon as the study is completed.

Sincerely yours,

Peter Lim, Ph.D.
Principal Investigator
Catalysis and Anal. Chem. Dept.
Pure and Applied Phy. Chem. Div.

Ronald J. Spanggord, Ph.D.
Assistant Principal Investigator
Catalysis and Anal. Chem. Dept.
Pure and Applied Phy. Chem. Div.