August 21, 1950.

Dear Dr. Adler:

The Salmonella strains which Dr. Hershey passed on to you were, I believe, originally collected by W. E. Edwards at the University of Kentucky. I received them immediately from W. E. Berman at the Connecticut Public Health Laboratory, Hartford. They are included in my summary of Salmonella nutrition (Arch. Biochem., 13, 267 (1947)), but are not, as far as I know referred to in any other publication. Burnet and Mackie have studied lysisogenicity in S. typhimurium and S. enteritidis in some detail, using S. gallinarum (sanguinarius) as an indicator strain (Austr. J. Exp. Biol. Med. Sci., 6:276, 1929, and 13. pp.). I will have to wait until I return to Madison to find any further details. I seem to recall that 54-13 is a biochemical mutant obtained from a unique monophasic typhi-murium.

Sincerely,

Joshua Lederberg
Associate Professor of Genetics,
University of Wisconsin, Madison.

UNIVERSITY OF CALIFORNIA—(Letterhead for interdepartmental use)