

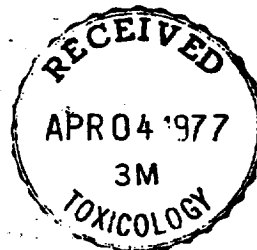


RIKER LABORATORIES, INC.

Interoffice Correspondence:

cc: M. T. Case
D. C. Kvam

March 31, 1977



TO: A. N. WELTER - ENVIRONMENTAL ENGINEERING & CONTROL - 21-2W

FROM: S. R. ROHLFING - RIKER RESEARCH - 218-2

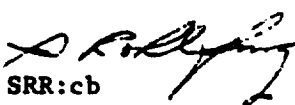
SUBJECT: Salmonella/Mammalian-Microsome Mutagenicity Testing

The Ames spot test for mutagenicity screening of chemical substances was used to examine the samples listed below. The equivalent of 10 mcg, based on percent composition, was tested against each of 3 indicator strains (Ta 1537, TA 98, TA 100) together with arachlor-induced rat microsomes (S-9 mix). A reference standard 2-aminofluorene, which requires microsomal activation for significant mutagenicity, was highly active at 10 mcg and 1 mcg in this test. Three samples (marked with an asterisk) were incompatible with the standard test solvent dimethyl sulfoxide; the discs were therefore saturated with each sample in its undiluted state.

The results of these tests do not indicate mutagenic activity in any of the samples submitted. Please inform me if the concentrations tested are inadequate for your needs. However, we are unable to accommodate testing on additional samples without prior approval from M. T. Case, Chairman of the Mutagenicity Committee.

Samples Tested:

2-253*	FC-43
3-649*	FC-77
4-315	FC-48
5-730	FC-128
6-544	FC-214-30
7-687	FC-218
8-603	FC-232
9-568*	FC-321
10-540	FC-805
11-900	FC-809
12-583	FC-95
13-716	FC-3422


SRR:cb

NB Ref. 45867-24,25