

ACUTE TOXICITY IN MICE

COMPOUND MaplelineSOURCE CrescentLORILLARD NO. B75

LOT NO. _____

DATE RECEIVED 12/4/80TESTED 3/12/81-3/24/81REPORTED 3/30/81INVESTIGATOR(S) H. S. Tong & A. A. PooleNOTEBOOK PAGE BC19-15SIGNATURE(S) H. S. Tong A. A. PooleSTRAIN OF MICE Swiss-WebsterMALE ☒ FEMALE _____DATE RECEIVED 3/5/81AVERAGE WEIGHT RANGE (GM) 16-30SOURCE Camm Research

ROUTE OF COMPOUND ADMINISTRATION

☐ P.O.☒ I.P.☐ I.V.☐ INHALATION

COMPOUND VEHICLE

☐☐ 1% METHYL CELLULOSE☐ CORN OIL☐ SALINE☒OTHER pure solution

GROUP NO.	% SOLUTION	DOSE (mg/kg BODY WEIGHT)	RESULTS (NO. DEAD/NO. TESTED)
1	100	5000	0/6
2	100	6000	0/6
3	100	7200	0/6
4	100	8640	0/6
5	100	10368	0/6

REFERENCE FOR CALCULATION Weil, Carrol S., Biometrics, Vol. 8, No. 3., Sept. 1952, p. 249.LD50 (95% CONFIDENCE LIMITS) LD₀ = 10,368 mg/kgCONCLUSION Higher doses were impractical. The recommended safe dose for trial inhalation in man is 80.6, 40.3, or 26.8 mg per cigarette when smoked 1,2 or 3 cigarettes per hour, respectively.Copies to the following: H. J. MinnemeyerL. B. Gray