

TABLE 1.—SUBCHRONIC, CHRONIC, AND OTHER TOXICITY

Guideline No.	Study Type	Results
870.3200	21/28-Day dermal toxicity (rabbits)	NOAEL = 1,000 mg/kg/day (highest dose tested (HDT)) LOAEL = Not identified
870.3465	4 Week inhalation toxicity (rat)	NOAEL = 0.191 mg/liter/day (HDT) LOAEL = Not identified
870.3700	Prenatal developmental toxicity (rats)	Maternal NOAEL = 10 mg/kg/day LOAEL = 30 mg/kg/day based on decreased body weight gain and decreased corrected body weight gain. Developmental NOAEL = 30 mg/kg/day LOAEL = 100 mg/kg/day based on a slight increase in the incidence of wavy ribs.
870.3700	Prenatal developmental toxicity (rabbits)	Maternal NOAEL = 24 mg/kg/day LOAEL = 72 mg/kg/day based on maternal deaths and decreased maternal absolute body weights, body weight gains, and food consumption. Developmental NOAEL = 24 mg/kg/day LOAEL = 72 mg/kg/day based on abortion, total litter resorptions, increased postimplantation loss due to increased late resorptions, decreased fetal weights, and very low incidences of skeletal alterations.
870.3800	Reproduction and fertility effects (rats)	Parental/Systemic NOAEL = 16.5 mg/kg/day LOAEL = 47.3 mg/kg/day based on decreased pre-mating weight gain by F0 males and females and F1 females and decreased gestational weight gain by F1 females. Reproductive NOAEL = 47.3 mg/kg/day (HDT) LOAEL = not identified Offspring NOAEL = 16.5 mg/kg/day LOAEL = 47.3 mg/kg/day based on decreased pup body weights in both litters of both generations.
870.4100	Chronic toxicity (dogs)	NOAEL = 72 mg/kg/day (HDT) LOAEL = Not identified
870.4200	Carcinogenicity (mice)	NOAEL = Males: 208 mg/kg/day; Females: 274 mg/kg/day LOAEL = Males: 414 mg/kg/day; Females: 424 mg/kg/day based on decreased body weights, food consumption and water intake. No evidence of carcinogenicity.
870.4300	Combined Chronic/Carcinogenicity (rats)	NOAEL = Males: 5.7 mg/kg/day; Females: 7.6 mg/kg/day LOAEL = Males: 16.9 mg/kg/day; Females: 24.9 mg/kg/day based on thyroid toxicity (increased incidence of mineralized particles in thyroid colloid) in males. No evidence of carcinogenicity.
870.5100 870.5300	Gene Mutation	Negative in a battery of test.
870.5375 870.5380 870.5385 870.5395 870.5900	Chromosome aberrations	Negative in battery of tests, except at cytotoxic doses in an <i>in vitro</i> mammalian chromosome aberration test and an <i>in vitro</i> sister chromatid exchange test.
870.5550 870.5575	Other genotoxic effects	Negative in a battery of tests
870.6200	Acute neurotoxicity screening battery rat	NOAEL = not identified. LOAEL = 42 mg/kg based on decreased motor and locomotor activities observed in females.
870.6200	Subchronic neurotoxicity screening battery rat	NOAEL = 9.3 mg/kg/day. LOAEL = 63.3 mg/kg/day based on decreased body weight gain.
870.6300	Developmental neurotoxicity (rat)	Maternal NOAEL = 20 mg/kg/day. LOAEL = 55 mg/kg/day based on decreased food consumption and body weight gain during lactation. Offspring NOAEL = 20 mg/kg/day. LOAEL = 55 mg/kg/day based on decreased body weight and body weight gain, decreased motor activity and decreased caudate/putamen width in females.