

(4/9)

2nd day - no urine, pale, weak.

3rd day - no urine found dead.

17 mg/kg R# 27423 - sl. wt. loss 1st 2 days
(4/2) high water intake & excess urine 2nd day until 6th day.
O.K. Thereafter.

12 mg/kg R# 27351 - O.K. 1st day
(4/3) excess urine & H₂O intake 2nd until 5th day.
O.K. Thereafter.

7.7 mg/kg R# 27352 - O.K. 1st day
(4/3) excess urine & H₂O intake 2nd until 3rd day.
O.K. Thereafter.

5.1 mg/kg R# 27353 - excess urine 2nd day until 5th day
then excess urine (slight) until sacrificed.

Gross Pathology:

R#

27382 - liver dark, intestinal contents fluid

27423 - kidney large

27351 - kidney large

27352 - N.P.

27353 - kidney sl. large.

Conclusion:

The A.L.D. on the basis of Hg is 26 mg/kg. (Compound 37,488 mg/kg)
It causes excess urination for 6 days following treatment. At lethal doses
it causes enlargement of kidney
It produces enlarged kidneys at the 17 mg/kg, 12 mg/kg and 5.1 mg/kg
levels. At the fatal 26 mg/kg level it produced fluid intestinal contents.