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REPORT

ON

A REPEATED-DOSE (90 DAYS) ORAL TOXICITY STUDY

OF OCTOFIROX IN RATS

Research Report No. 752/77

September 12,1977

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1. Summary:

In a repeated-dose (90 days) oral toxicity study, groups of 25 male/25 female Wistar rats received 40, 100 and 250 mg Octopirox per mg body weight by means of a stomach tube five times a week (Monday to Friday). A control group of 25 male/25 female rats received a 2 per cent starch suspension (in demineralised water) without the drug. After 90 days 15 animals were killed per group and sex. The remaining rats were not treated for 14 days up to their killing in order to assess the reversibility of possible changes.

The behaviour of the animals, the body weight development and food consumption were assessed throughout the study. Hematological examinations and urinalyses were performed prior to the beginning of the study, after the last treatment and at the end of the follow-up period. Clinical chemistry parameters were assessed at the end of the study or at the end of the follow-up period.

All rats which had died intercurrently and the rats which were killed at the end of the study were dissected and examined for macroscopic changes. Heart, lungs, liver, kidneys, spleen, adrenals, testes, ovaries, thyroids, brain and pituitary were weighed. These organs the posterior ocular bulb,prostate, epididymis, uterus, bone marrow, gastro-intestinal tract, thymus and urinary bladder of all rats except those of the lowest dosage group were submitted to histological examination.

The behaviour and the clinical symptoms of most of the rats were unremarkable. Seven rats died intercurrently (one rat of the lowest, three rats of the median and three rats of the highest dosage groupt), but the cause of death could not be determined.

According to the results of histological examination, however, a substance-dependent impairment of the groups examined was not observed and can therefore be ruled out as the cause of death.

The male rats of the highest dosage group gained less weight than the control animals. The body weight development of the female rats was not influenced by Octopirox. The relative food consumption was increased in male and female rats of the highest dosage group. During the follow-up period the food consumption of these animals was normal again.

Apart from a slight decrease in hemoglobin observed in the male rats of the highest dosage groupt at the end of the study, the changes in the red and white blood count were most likely substance-independent.

There were no indications of an influence of Octopirox on clinical chemistry parameters. The results of post mortem examinations (determination of organ weights, macroscopic and microscopic examinations) do not suggest an influence of Octopirox.

2. Conclusion:

In this study, doses of 40 and 100 mg Octopirox per kg body weight had no toxic effect on male and female rats.

Treatment with 250 mg Octopirox per kg body weight led to findings which deviated from results obtained in the control animals.

3. Survey:

Compound: Octopirox

Species: Wistar rat, strain HOE:WISKf (SPF 71)

No. of animals: 25 male/25 female

Route: Oral, by means of stomach tube

Vehicle: 2 per cent starch in demineralized water

Dosages and concentraions:

0 mg/kg	-	0 per cent	-	10 ml/kg
40 mg/kg	-	0.4 per cent	-	10 ml/kg
100 mg/kg	-	1.0 per cent	-	10 ml/kg
250 mg/kg	-	2.5 per cent	-	10 ml/kg

Duration of study:

90 days plus 14 days follow-up period

Beginning of study:

June 22, 1976

End of study: September 20, 21, 22, 1976

Persons responsible:

Study director: Dr. Mayer/ Ing.Markert

Industrial chemistry:

Dr. Weigand

Clinical chemistry:

Dr. Hajdú/Dr.Wicha

Histology: Dr. Bähr/Prof.Kief

Head of department:

Prof. Kramer

4. Method:

Octopirox (= H 726146 A) was administered five times a week for 90 days to 100 male and 100 female Wistar rats (strain HOE: WISKf (SPF 71))which were juvenile at the beginning of the study. The animals received different doses orally by means of a stomach tube. The randomized rats were in good general state of health and weighed 114 - 153 g ($\bar{x}$ = 136.5), s = 8.3, males) and 106 - 134 g ($\bar{x}$ = 120.9, s E 5.4, females) at the beginning of the study (i. e. after a one-week familiarization period). The rats were separated according to sex and were kept in groups of five animals on woos shavings in plastic cages (type 3).

The study was performed between June 22, 1976 and September 22, 1976 in partly air-conditioned rooms at a temperature of 22 - 25 °C and a relative humidity of 35 - 60 per cent.

The rats received the pelletized diet Altromin 1324 (mfr.: Altromin GmbH, Lage/Lippe) and tap water ad libitum.

Data on groups and dosages are given in the following Table:

Group	Dose (mg/kg)	Concentration (per cent)	No. of animals per group ♂	♀
I	0	-	25	25
II	40	o,4	25	25
III	100	1,0	25	25
IV	250	2,5	25	25

The compound was suspended in 2 per cent starch mucilage. The suspensions were prepared freshly each day. All dosage groups received a volume of 10 ml per kg body weight. The control group received starch mucilage.
The behaviour and the general state of health of the animals were assessed daily. The rats were examined weekly for neurological disorders, changes of ocular media and disorders in dental growth.
The food consumption was assessed continuously throughout the study, and the animals were weighed twice a week.

Prior to the beginning of treatment and at the end of the study the following hematological parameters were examined (blood samples were withdrawn from a sublingual vein and were examined according to the methods given in the Appendix):

hemoglobin	(1.1)	thrombocytes	(1.7)
erythrocytes	(1.2.1)	leukocytes	(1.2.2)
reticulocytes	(1.4)		

At the end of the treatment or at the end of the follow-up period the following clinical chemistry parameters were examined in rat serum (cf. list of methods in Appendix):

sodium	(2.1)	urea-N	(2.8.2)
potassium	(2.2)	calcium	(2.9)
inorg.phosphorus	(2.3)	chlorides	(2.10)
uric acid	(2.4)	SGOT	(2.13)
bilirubin	(2.5.1)	SGPT	(2.14)
creatinine	(2.6)	alk.phosphatase	(2.15)
glucose	(2.7.1)		

Prior to the beginning of the study and at the end of the study urinalyses were performed, and assessed were (cf. list of methods in Appendix):

appearance	(3.1)	protein	(3.3)
colour	(3.1)	bilirubin	(3.5)
pH value	(3.2.1)	hemoglobin	(3.3)
glucose	(3.3)	sediment	(3.8)

24 hours or 14 days after the last treatment (= follow-up period) 15 or 10 male animals of each group were anestetized with an intraperitoneal injection of 5o mg pentobarbital sodium per kg body weight, killed by opening of the thorax and subsequent severing of the veny cava cranialis, and examined for macroscopically demonstrable organ changes.

The follwing organs were weighed at the dissection:
heart, lungs, liver, kidneys, spleen, adrenals testes or ovaries, thyroid, brain and pituitary.

The following organs from animals of the control group and the median and highest dosage group were submitted to histological examination:
heart, lungs, liver, kidneys, spleen, stomach, small and large intestine, urinary bladder, testis, epididymis, prostate, ovary, uterus, thyroid, pancreas, adrenals, thymus, pituitary, brain, eye with optic nerve, and bone marrow from a femur.

The method of histological examination is described in the report on the macroscopic and microscopic examination of rats after oral treatment with Octopirox, of March 16, 1977, by Prof. Kief/Dr. Bähr (cf Appendix).

Statistical evaluation:

The following parameters were statistically evaluated: the body weight was determined twice weekly and the body weight development was assessed in the following intervals: 1st - 28th day, 28th - 91st day and 91st - 106th day.
The following hematological parameters were examined prior to the beginning of the study, after the last treatment or at the end of the follow-up period:

leukocytes,
thrombocytes,
hemoglobin,
erythrocytes.

The following clinical chemistry parameters were examined after the last treatment or at the end of the follow-up period:

sodium,	urea-N,
potassium,	calcium,
iorganic phophorus,	chloride,
urid acid,	SGOT,
bilirubin ,	SGPT,
creatinine,	alkaline phosphatase.
glucose,	

The relative organ weights of the following organs were determined after the last treatment or at the end of the follow-up period:

heart,	testes/ovaries,
liver,	adrenals,
lungs,	thyroid,
kidneys,	pituitary,
spleen,	brain.

The list of methods is given in the Appendix.

5. Results:

5.1 Behaviour, clinical symptoms and intercurrent deaths

In most of the animals the behaviour and the clinical symptoms were normal.
Deviations from the norm and intercurrent deaths are listed in the following Table:

Group	Sex	Animal No.	Death after treatment	Findings
II 40mg/kg	♂	104	42	Marked emaciation, disequilibrium
III 100mg/kg	♂	113	90	Autolysis
	♂	134	86	Autolysis
	♀	359	10 days after last treatment	Marked emaciation, squatting position, ruffled fur, gasping respiration, congestion in the apical pulmonary lobes
IV 250mg/kg	♂	201	63	Autolysis
	♀	379	56	Autolysis
	♀	387	80	Emaciation, squatting position, increased respiratory rate

The cause of death could not be determined in four animals because of autolytic changes. The same applied to two further animals which were submitted to histological examination. In all probability these deaths were not attributable to substance-induced changes of the organs examined. The inspection of teeth, oral mucous membranes and eyes did not reveal abnormal findings in any of the rats.

5.2 Body weight developtment and food consumption

Figures: 13 - 16
Summary Tables: 17 - 40
Statistical Evaluation: 57 - 60
Individual Values: 118 - 365

Significant differecnes in body weight as compared to control animals were abserved at the following dates:

	male animals	female animals
40 mg/kg		21st day
100 mg/kg		21st day
250 mg/kg	21st, 24th, 28th, 35th, 38th, 42nd, 45th, 49th, 52nd, 56th, 63rd, 66th, 70th, 73rd, 77th, 80th, 94th, 98th, day	

As significantly lower body weights in female rats were measured on only one day, and as the development of body weight was statistically unremarkable at further times of examination, the above significant differences are accidental rather than substance-induced. It may not be ruled out, however, that the delay in body weight development of the male rats in the highest dosage group was substance-dependent.

In male and female animals of the highest dosage group the relative food consumption was markedly increased during the experimental period but was normal again during the follow-up period.

5.3 Hematological findings:

Summary Tables: 41 - 48
Statistical evaluation: 61 - 63
Individual Values: 366 - 389

At the end of the study the hemoglobin values of male animals of the highest dosage group were significantly lower than those of the control animals. The values of animal No. 181 (11 g%), 161 (13,6 g%) and 170 (13,9 g%) were outside the normal range. The erythrocyte values of the female animals of the median dosage group were slightly increased but within the norm.

At the end of the follow-up period the hemoglobin values of male animals of the median dosage group were significantly but slightly increased. The erythrocyte count in male animals of the highest dosage group was increased. As these values were measured at the end of the follow-up period, and as there had been no significant correlates at the end of the study, it is unlikely that these findings are biologically relevant.

5.4 Clinical chemistry findings:

Summary Tables: 49 - 52
Statistical evaluation: 64 - 115
Individual Values: 439 - 454

The following statistically remarkable results were obtained:

Time	Parameter	Sex	Dose	Findings
End of study	sodium	♂	100 mg/kg	increase
	uric acid	♂	40 mg/kg	decrease
End of follow-up period	inorg. P	♂	40 mg/kg	increase
	uric acid	♂	40 mg/kg	increase
			250 mg/kg	increase
End of study	urea-N	♀	100 mg/kg	increase
End of follow-up period	potassium	♀	250 mg/kg	increase

Male rat No. 150 (100 mg/kg) showed considerably increased potassium, inorganic phosphorus, uric acid, creatinine, glucose, urea-N, SGOT, SGPT and alkaline phosphatase values at the end of the follow-up period and was thus responsible for a remarkable widening of standard deviations of the parameters in this group.

It is highly probable that the significant differences calculated were not substance-induced because the changes did not correlate with the doses and because remarkable findings in the highest dosage group were observed only at the end of the follow-up period.

5.5 Urinalyses:

Individual Values: 390 - 437

In the urine of male and female rats, protein and hemoglobin, and in the sediment epithelial cells, erythrocytes and isolated leukocytes, were demonstable in varying frequency, but these findings were within the norm. As the histological examination revealed no corresponding changes in kidneys and urinary bladder, these findings may not be considered substance-dependent.

5.6 Post mortem examinations:

5.6.1 Organ weights:

Summary tables: 53 - 56

Statistical evaluation: 116 - 117

Individual Values: 455 - 486

The statistical comparison between the relative organ weights of treated animals with those of the control animals showed no remarkable differences after the last treatment or at the end of the follow-up period.

5.6.2 Macroscopic and microscopic findings:

The report on macroscopic and microscopic examination of rats after oral treatment with Octopirox in the Appendix indicates that the 90-day treatment with Octopirox did not lead to histologically demonstrable organ damage in the treated animals.

Dr. Ma/Ing. Mar
September 12, 1977

Pharmaceutical Research/Toxicology

of

HOECHST AG

signed:

Dr. Mayer
(Study director)

Dr. Weigand
(Industrial toxicology)

Prof. Kramer
(Head of department)

Figure 1: Body weight development in male rats after treatment with Octopirox for 90 days

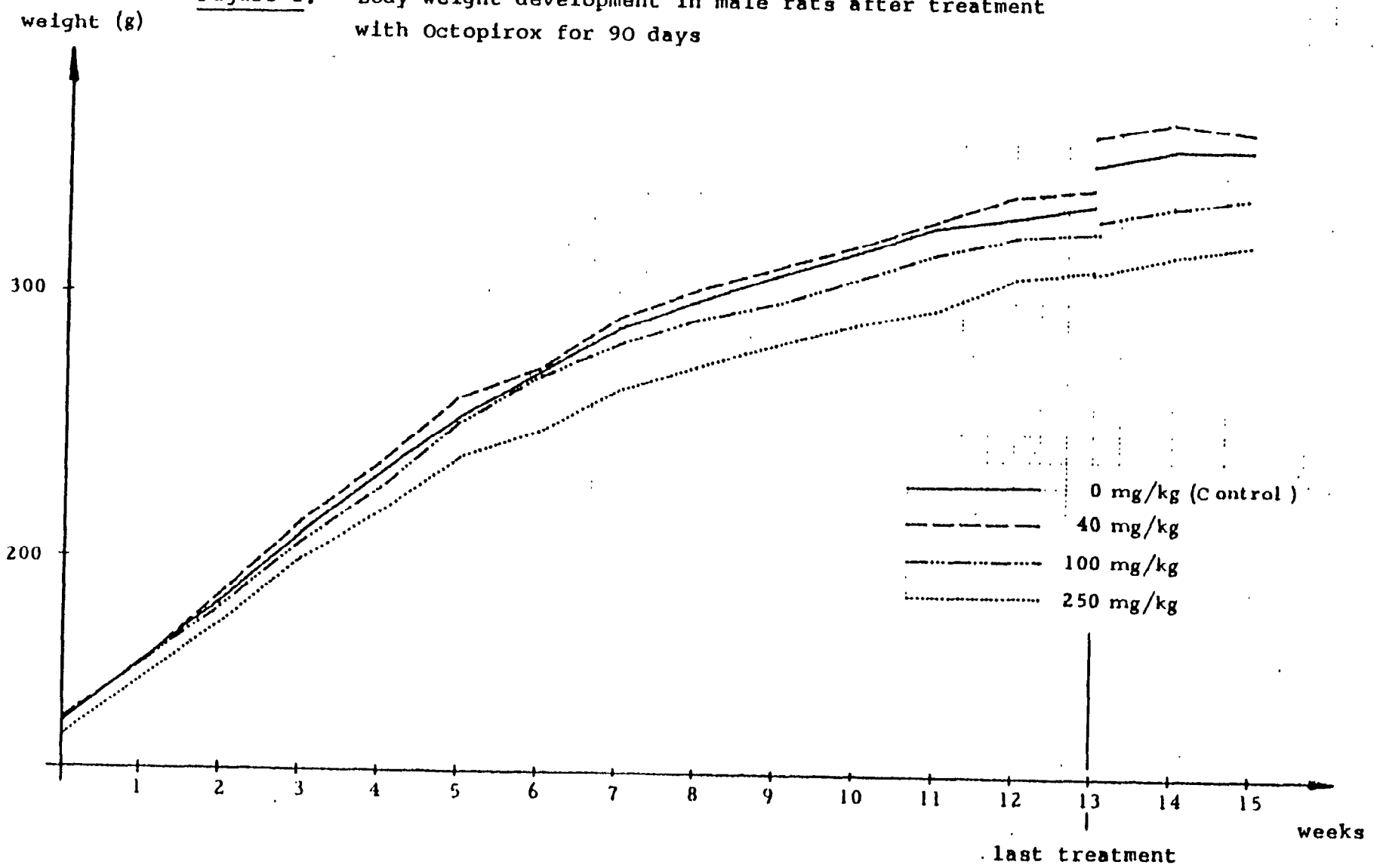


Figure 2: Body weight development in female rats after treatment with Octopirox for 90 days

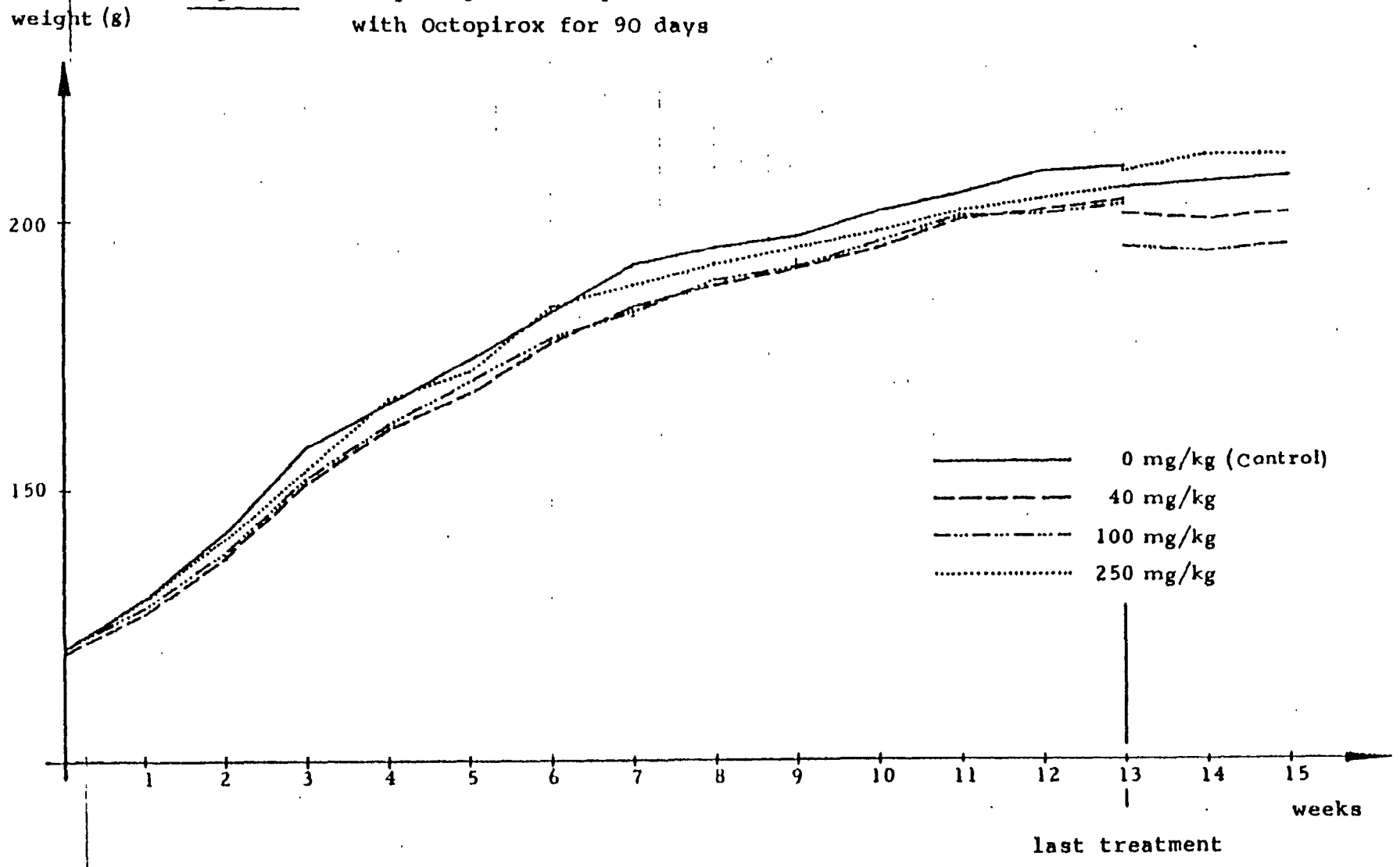


Figure 3: Relative food consumption in male rats after treatment with Octopirox for 90 days

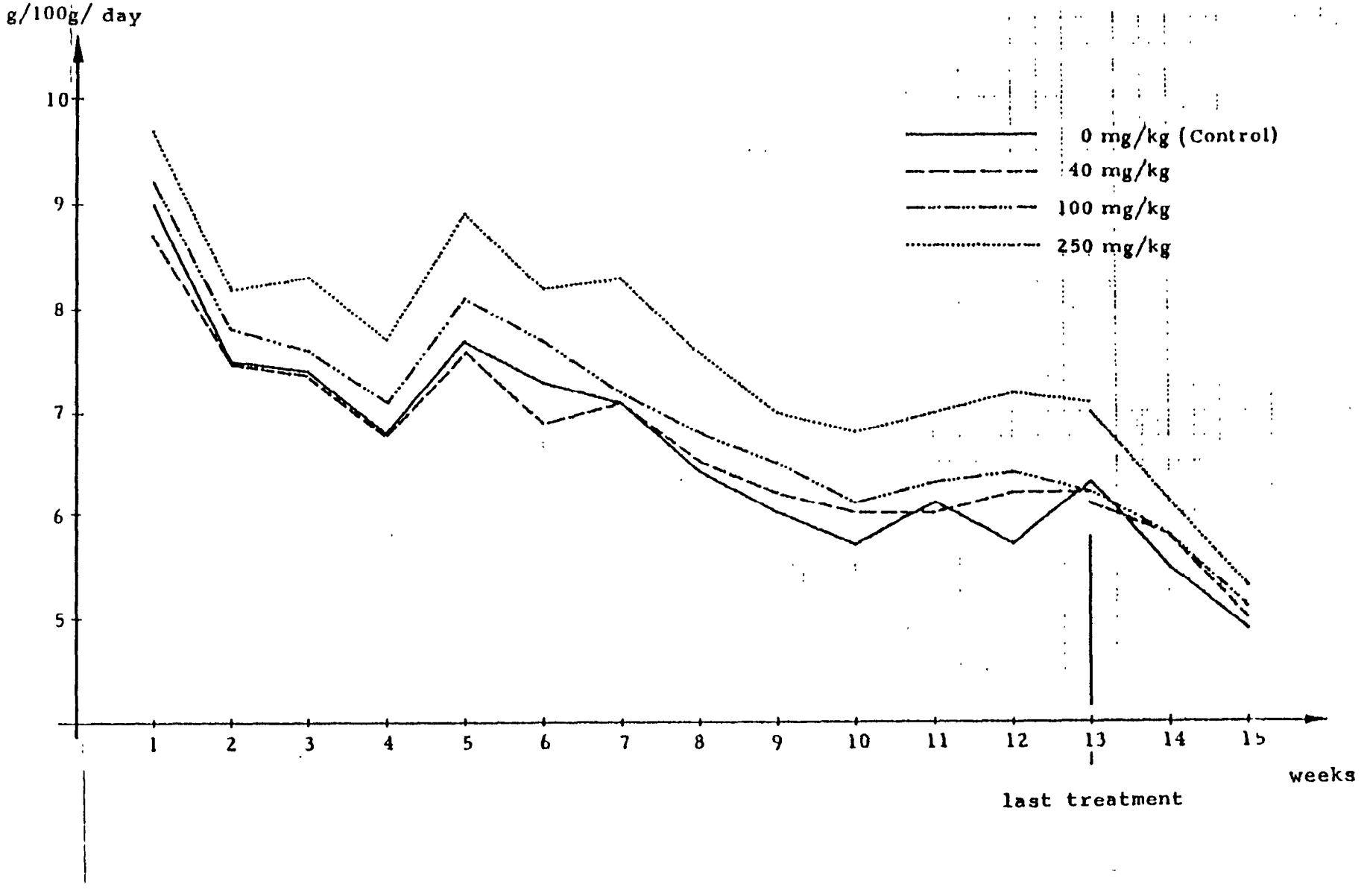
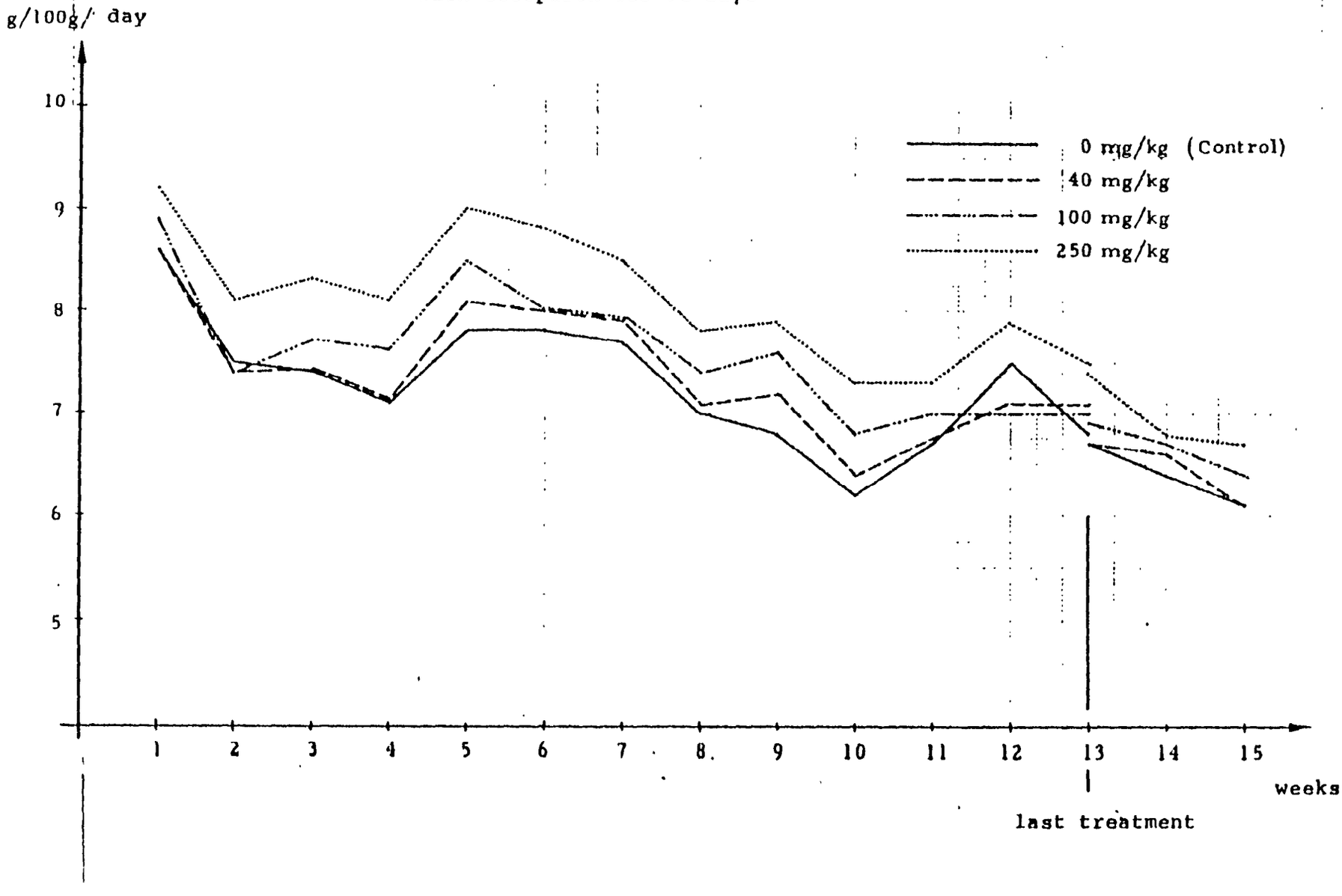


Figure 4: Relative food consumption in female rats after treatment with Octopirox for 90 days



HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIG PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	136.6				
		S	8.7				
		N	25				
+4	2	MEAN	149.3	12.7	12.7	13.71	9.626
		S	10.8	3.8	3.8		
		N	25	25	25	25	25
+7	3	MEAN	159.6	23.0	10.3	13.87	9.020
		S	11.4	5.0	2.9		
		N	25	25	25	25	25
+10	4	MEAN	170.8	34.2	11.2	13.44	8.176
		S	11.7	5.2	3.0		
		N	25	25	25	25	25
+14	5	MEAN	182.8	46.2	12.0	13.28	7.547
		S	14.0	7.8	3.9		
		N	25	25	25	25	25
+17	6	MEAN	191.6	55.1	8.9	14.09	7.568
		S	15.1	8.6	2.6		
		N	25	25	25	25	25
+21	7	MEAN	209.1	72.5	17.4	14.74	7.399
		S	16.0	9.6	3.3		
		N	25	25	25	25	25
+24	8	MEAN	221.0	84.4	11.9	15.31	7.159
		S	17.4	11.1	4.2		
		N	25	25	25	25	25
+28	9	MEAN	232.0	95.4	11.0	15.34	6.815
		S	18.9	12.8	3.1		
		N	25	25	25	25	25
+31	10	MEAN	239.9	103.4	7.9	16.57	7.068
		S	20.7	14.7	3.9		
		N	25	25	25	25	25
+35	11	MEAN	253.9	117.3	14.0	18.88	7.698
		S	22.2	16.3	4.0		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	261.3	124.8	7.4	17.95	7.016
		S	22.5	16.9	4.8		
		N	25	25	25	25	25
+42	13	MEAN	271.4	134.9	10.1	19.20	7.251
		S	23.9	18.5	3.1		
		N	25	25	25	25	25
+45	14	MEAN	280.0	143.4	8.6	19.52	7.128
		S	24.0	18.9	10.0		
		N	25	25	25	25	25
+49	15	MEAN	288.1	151.6	8.1	20.00	7.087
		S	25.7	20.2	10.3		
		N	25	25	25	25	25
+52	16	MEAN	292.9	156.3	4.8	18.17	6.300
		S	25.6	20.1	2.2		
		N	25	25	25	25	25
+56	17	MEAN	298.6	162.0	5.7	18.82	6.412
		S	28.0	22.2	4.2		
		N	25	25	25	25	25
+59	18	MEAN	302.6	166.0	4.0	18.20	6.104
		S	28.9	23.6	4.4		
		N	25	25	25	25	25
+63	19	MEAN	308.8	172.2	6.2	18.33	6.049
		S	30.0	24.6	4.5		
		N	25	25	25	25	25
+66	20	MEAN	314.6	178.0	5.8	16.92	5.476
		S	31.0	25.4	2.8		
		N	25	25	25	25	25
+70	21	MEAN	317.6	181.1	3.0	17.94	5.726
		S	31.0	25.5	3.5		
		N	25	25	25	25	25
+73	22	MEAN	324.2	187.6	6.6	18.03	5.667
		S	32.6	27.2	4.0		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976

TEST DAY	STUDY		ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+77	23	MEAN	327.8	191.2	3.6	19.74	6.112
		S	33.2	27.6	3.8		
		N	25	25	25	25	25
+80	24	MEAN	326.4	189.8	-1.3	16.99	5.220
		S	35.9	30.6	12.0		
		N	25	25	25	25	25
+84	25	MEAN	331.6	195.0	5.2	18.65	5.718
		S	36.8	31.5	12.6		
		N	25	25	25	25	25
+87	26	MEAN	330.2	193.6	-1.3	18.45	5.631
		S	36.6	31.4	9.0		
		N	25	25	25	25	25
+91	27	MEAN	337.1	200.5	6.9	20.70	6.260
		S	35.7	30.4	4.5		
		N	25	25	25	25	25
+94	28	MEAN	352.3	212.8	0.5	20.57	5.898
		S	36.6	33.9	3.7		
		N	10	10	10	10	10
+98	29	MEAN	358.2	218.7	5.9	19.35	5.493
		S	34.5	32.0	4.8		
		N	10	10	10	10	10
+101	30	MEAN	360.0	220.5	1.8	19.53	5.481
		S	36.5	34.2	3.7		
		N	10	10	10	10	10
+106	31	MEAN	356.7	217.2	-3.2	17.42	4.903
		S	35.6	33.0	3.1		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						17.46	6.634

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004
ANIMAL: RAT
GROUP: CONTROL
START OF TEST THIS GROUP: 22.06.1976

TEST: 0545

START OF TEST: 21.06.1976
ROUTE: STOMACH TUBE
SEX: FEMALE

PREPN. NO.: OCTOPIROX

TEST DAY	STUDY		ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	121.1				
		S	5.2				
		N	25				
+4	2	MEAN	127.6	6.5	6.5	10.97	8.830
		S	6.4	3.5	3.5		
		N	25	25	25	25	25
+7	3	MEAN	130.4	9.3	2.8	11.12	8.631
		S	7.0	4.5	3.6		
		N	25	25	25	25	25
+10	4	MEAN	136.3	15.2	5.9	10.93	8.215
		S	6.6	4.3	2.2		
		N	25	25	25	25	25
+14	5	MEAN	141.8	20.6	5.4	10.43	7.513
		S	7.8	6.2	3.0		
		N	25	25	25	25	25
+17	6	MEAN	144.7	23.6	2.9	11.04	7.723
		S	7.3	5.3	2.6		
		N	25	25	25	25	25
+21	7	MEAN	158.4	37.2	13.7	11.09	7.328
		S	7.7	6.0	3.2		
		N	25	25	25	25	25
+24	8	MEAN	159.6	38.5	1.2	10.95	6.894
		S	9.3	7.5	4.7		
		N	25	25	25	25	25
+28	9	MEAN	166.1	45.0	6.5	11.60	7.137
		S	10.0	8.1	3.0		
		N	25	25	25	25	25
+31	10	MEAN	168.8	47.6	2.6	12.53	7.503
		S	9.1	7.5	3.0		
		N	25	25	25	25	25
+35	11	MEAN	173.9	52.8	5.1	13.25	7.750
		S	10.2	8.1	2.5		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	178.0	56.8	4.1	12.31	7.007
		S	9.8	8.3	3.1		
		N	25	25	25	25	25
+42	13	MEAN	182.9	61.8	5.0	14.11	7.835
		S	10.7	8.7	3.3		
		N	25	25	25	25	25
+45	14	MEAN	188.0	66.9	5.1	13.59	7.338
		S	10.0	8.3	2.9		
		N	25	25	25	25	25
+49	15	MEAN	191.8	70.6	3.8	14.55	7.677
		S	10.0	8.4	2.3		
		N	25	25	25	25	25
+52	16	MEAN	191.8	70.7	0.1	13.07	6.829
		S	11.0	9.2	3.3		
		N	25	25	25	25	25
+56	17	MEAN	194.8	73.7	3.0	13.46	6.975
		S	10.0	8.8	3.1		
		N	25	25	25	25	25
+59	18	MEAN	195.1	74.0	0.3	12.81	6.584
		S	11.3	9.6	4.1		
		N	25	25	25	25	25
+63	19	MEAN	196.5	75.4	1.4	13.24	6.776
		S	12.2	10.5	3.3		
		N	25	25	25	25	25
+66	20	MEAN	200.6	79.5	4.1	11.88	6.000
		S	12.2	10.6	3.1		
		N	25	25	25	25	25
+70	21	MEAN	202.0	80.9	1.4	12.50	6.223
		S	11.8	10.1	2.1		
		N	25	25	25	25	25
+73	22	MEAN	204.0	82.9	2.0	12.51	6.175
		S	11.7	10.5	3.7		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: OOD CONSUMPTION AND BODY WEIGH.. PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+77	23	MEAN	205.2	84.1	1.2	13.68	6.700
		S	11.5	10.2	2.6		
		N	25	25	25	25	25
+80	24	MEAN	202.5	81.4	-2.6	11.40	5.604
		S	13.3	12.8	8.1		
		N	25	25	25	25	25
+84	25	MEAN	209.3	88.2	6.8	15.26	7.457
		S	11.1	9.9	7.1		
		N	25	25	25	25	25
+87	26	MEAN	204.0	82.9	-5.2	12.64	6.131
		S	12.0	11.0	3.3		
		N	25	25	25	25	25
+91	27	MEAN	210.2	89.0	6.2	13.98	6.766
		S	13.2	11.9	5.3		
		N	25	25	25	25	25
+94	28	MEAN	205.4	85.5	-0.2	13.37	6.512
		S	9.4	7.1	5.9		
		N	10	10	10	10	10
+98	29	MEAN	206.6	86.7	1.2	13.07	6.355
		S	8.4	5.9	5.8		
		N	10	10	10	10	10
+101	30	MEAN	205.8	85.9	-0.7	12.43	6.038
		S	10.2	8.6	4.5		
		N	10	10	10	10	10
+105	31	MEAN	207.6	87.7	1.8	12.80	6.206
		S	9.7	7.2	2.9		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						12.55	7.024

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	138.7				
		S	7.3				
		N	25				
+4	2	MEAN	151.3	12.6	12.6	13.55	9.363
		S	10.0	4.9	4.9		
		N	25	25	25	25	25
+7	3	MEAN	159.4	20.6	8.1	13.44	8.678
		S	9.5	3.4	4.6		
		N	25	25	25	25	25
+10	4	MEAN	172.0	33.3	12.6	13.47	8.144
		S	10.6	5.4	4.5		
		N	25	25	25	25	25
+14	5	MEAN	184.5	45.8	12.5	13.40	7.532
		S	11.8	6.6	2.6		
		N	25	25	25	25	25
+17	6	MEAN	195.4	56.7	10.9	14.71	7.761
		S	13.7	8.9	4.6		
		N	25	25	25	25	25
+21	7	MEAN	212.6	73.9	17.2	15.13	7.438
		S	14.0	9.1	4.0		
		N	25	25	25	25	25
+24	8	MEAN	225.6	86.8	12.9	15.88	7.264
		S	15.0	10.5	4.8		
		N	25	25	25	25	25
+28	9	MEAN	236.1	97.4	10.6	15.58	6.770
		S	16.7	11.7	4.0		
		N	25	25	25	25	25
+31	10	MEAN	247.4	108.7	11.3	17.81	7.395
		S	19.6	14.6	4.0		
		N	25	25	25	25	25
+35	11	MEAN	261.0	122.3	13.6	19.16	7.576
		S	23.2	18.2	6.8		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ROUTE: STOMACH TUBE
ANIMAL: RAT
SEX: MALE
GROUP: TEST DRUG: 1ST DOSE LEVEL
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	265.8	127.0	4.8	17.80	6.794
		S	27.6	23.2	10.7		
		N	25	25	25	25	25
+42	13	MEAN	271.8	133.0	6.0	18.44	6.916
		S	35.1	31.4	10.6		
		N	25	25	25	25	25
+45	14	MEAN	285.0	146.1	8.0	18.96	6.779
		S	23.7	19.2	5.5		
		N	24	24	24	24	24
+49	15	MEAN	292.2	153.2	7.2	20.50	7.130
		S	25.3	20.5	5.7		
		N	24	24	24	24	24
+52	16	MEAN	296.6	157.6	4.4	18.67	6.363
		S	25.9	21.1	4.6		
		N	24	24	24	24	24
+56	17	MEAN	302.5	163.6	6.0	19.45	6.524
		S	26.5	21.2	5.4		
		N	24	24	24	24	24
+59	18	MEAN	306.9	167.9	4.3	18.06	5.948
		S	28.3	23.2	6.4		
		N	24	24	24	24	24
+63	19	MEAN	311.5	172.5	4.6	19.09	6.205
		S	27.3	22.4	5.0		
		N	24	24	24	24	24
+66	20	MEAN	318.4	179.4	6.9	16.92	5.389
		S	28.9	24.2	5.8		
		N	24	24	24	24	24
+70	21	MEAN	320.1	181.2	1.7	19.05	5.995
		S	29.0	24.4	4.3		
		N	24	24	24	24	24
+73	22	MEAN	326.7	187.8	6.6	17.54	5.448
		S	30.2	25.5	3.3		
		N	24	24	24	24	24

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	ANIMAL WEIGHT COMP. TO INITIAL	IN G COMP. TO PREVICUS	FOOD CONSUMPTION G / DAY	FOOD CONSUMPTION % BODY WEIGHT PER DAY
+77	23	MEAN	330.9	191.9	4.1	19.61	6.005
		S	32.2	27.3	4.9		
		N	24	24	24	24	24
+80	24	MEAN	330.1	191.2	-0.6	17.58	5.345
		S	33.0	28.7	10.9		
		N	24	24	24	24	24
+84	25	MEAN	340.0	201.0	9.9	20.77	6.224
		S	33.9	29.1	9.4		
		N	24	24	24	24	24
+87	26	MEAN	335.0	196.1	-4.9	17.75	5.275
		S	35.0	30.5	6.6		
		N	24	24	24	24	24
+91	27	MEAN	342.5	203.5	7.5	20.73	6.160
		S	33.4	28.8	6.3		
		N	24	24	24	24	24
+94	28	MEAN	360.3	219.2	-2.5	22.26	6.208
		S	34.5	30.3	3.1		
		N	9	9	9	9	9
+98	29	MEAN	369.1	228.0	8.8	20.92	5.781
		S	35.1	30.8	2.3		
		N	9	9	9	9	9
+101	30	MEAN	372.0	230.9	2.9	21.33	5.801
		S	32.8	28.4	5.4		
		N	9	9	9	9	9
+106	31	MEAN	365.4	224.3	-6.5	18.18	4.963
		S	32.2	27.9	5.0		
		N	9	9	9	9	9
MEAN FOR COMPLETE TEST						17.86	6.635

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT C04 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	120.1				
		S	4.8				
		N	25				
+4	2	MEAN	124.4	4.3	4.3	10.44	8.551
		S	5.6	2.4	2.4		
		N	25	25	25	25	25
+7	3	MEAN	127.1	7.0	2.7	10.80	8.603
		S	6.1	2.9	2.5		
		N	25	25	25	25	25
+10	4	MEAN	131.8	11.7	4.6	9.55	7.392
		S	7.4	4.0	3.0		
		N	25	25	25	25	25
+14	5	MEAN	137.4	17.3	5.6	9.96	7.421
		S	8.1	4.2	2.9		
		N	25	25	25	25	25
+17	6	MEAN	139.9	19.8	2.5	10.83	7.843
		S	8.2	4.6	2.5		
		N	25	25	25	25	25
+21	7	MEAN	150.5	30.4	10.6	10.68	7.377
		S	9.1	5.3	2.4		
		N	25	25	25	25	25
+24	8	MEAN	153.5	33.4	3.0	10.61	7.002
		S	9.5	6.2	3.7		
		N	25	25	25	25	25
+28	9	MEAN	161.3	41.2	7.8	11.13	7.091
		S	10.5	6.9	3.2		
		N	25	25	25	25	25
+31	10	MEAN	162.9	42.8	1.6	11.59	7.174
		S	11.9	8.5	2.9		
		N	25	25	25	25	25
+35	11	MEAN	167.7	47.6	4.8	13.27	8.060
		S	12.5	9.0	2.9		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	172.6	52.5	4.9	12.00	7.081
		S	13.3	9.6	3.2		
		N	25	25	25	25	25
+42	13	MEAN	176.8	56.7	4.2	13.84	7.959
		S	12.7	9.0	3.1		
		N	25	25	25	25	25
+45	14	MEAN	180.4	60.4	3.7	12.83	7.204
		S	14.0	10.7	3.4		
		N	25	25	25	25	25
+49	15	MEAN	184.1	64.0	3.6	14.33	7.900
		S	14.8	11.3	3.5		
		N	25	25	25	25	25
+52	16	MEAN	185.9	65.8	1.8	12.73	6.922
		S	13.8	10.6	2.4		
		N	25	25	25	25	25
+56	17	MEAN	187.6	67.6	1.7	13.21	7.100
		S	14.9	11.3	4.0		
		N	25	25	25	25	25
+59	18	MEAN	189.3	69.2	1.6	12.89	6.868
		S	14.2	11.2	5.3		
		N	25	25	25	25	25
+63	19	MEAN	191.2	71.2	2.0	13.65	7.206
		S	15.5	12.3	4.0		
		N	25	25	25	25	25
+66	20	MEAN	192.8	72.8	1.6	11.44	5.990
		S	15.9	12.7	2.6		
		N	25	25	25	25	25
+70	21	MEAN	195.4	75.3	2.5	12.44	6.444
		S	16.5	13.3	2.8		
		N	25	25	25	25	25
+73	22	MEAN	198.8	78.7	3.4	11.61	5.929
		S	16.9	13.8	2.9		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: .OOD CONSUMPTION AND BODY WEIGH, PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVICUS	FOOD CONSUMPTION G / CAY	% BODY WEIGHT PER DAY
+77	23	MEAN	199.7	79.6	0.9	13.34	6.737
		S	17.0	13.7	2.8		
		N	25	25	25	25	25
+80	24	MEAN	197.0	76.9	-2.6	11.48	5.822
		S	18.5	15.5	7.0		
		N	25	25	25	25	25
+84	25	MEAN	202.0	81.9	5.0	14.03	7.077
		S	16.9	13.8	8.5		
		N	25	25	25	25	25
+87	26	MEAN	198.2	78.1	-3.7	12.61	6.340
		S	16.4	13.4	6.6		
		N	25	25	25	25	25
+91	27	MEAN	204.0	83.9	5.8	14.18	7.077
		S	16.8	13.6	3.9		
		N	25	25	25	25	25
+94	28	MEAN	197.2	78.5	-3.8	13.40	6.782
		S	23.5	17.6	2.7		
		N	10	10	10	10	10
+98	29	MEAN	199.8	81.1	2.6	13.05	6.640
		S	22.4	16.6	1.4		
		N	10	10	10	10	10
+101	30	MEAN	200.9	82.2	1.1	12.90	6.508
		S	24.4	18.6	3.3		
		N	10	10	10	10	10
+105	31	MEAN	200.8	82.1	0.0	12.02	6.069
		S	23.3	17.5	2.8		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						12.23	7.072

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	IN G COMP. TO INITIAL	IN G COMP. TO PREVICUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	137.8				
		S	7.3				
		N	25				
+4	2	MEAN	149.8	12.0	12.0	13.08	9.116
		S	7.3	2.7	2.7		
		N	25	25	25	25	25
+7	3	MEAN	159.7	21.9	9.9	14.19	9.187
		S	8.2	3.3	2.7		
		N	25	25	25	25	25
+10	4	MEAN	171.4	33.6	11.6	12.93	7.826
		S	8.7	5.0	3.2		
		N	25	25	25	25	25
+14	5	MEAN	181.4	43.6	10.1	13.66	7.755
		S	8.4	5.5	2.6		
		N	25	25	25	25	25
+17	6	MEAN	192.1	54.3	10.6	13.92	7.461
		S	9.5	6.9	5.2		
		N	25	25	25	25	25
+21	7	MEAN	206.2	68.4	14.1	15.13	7.611
		S	10.2	6.9	3.0		
		N	25	25	25	25	25
+24	8	MEAN	218.3	80.5	12.1	14.81	6.992
		S	11.9	8.1	3.7		
		N	25	25	25	25	25
+28	9	MEAN	226.9	89.1	8.6	15.75	7.093
		S	12.5	9.2	4.9		
		N	25	25	25	25	25
+31	10	MEAN	237.4	99.6	10.5	17.01	7.343
		S	13.1	9.9	5.3		
		N	25	25	25	25	25
+35	11	MEAN	253.2	115.4	15.8	19.72	8.059
		S	14.2	10.5	4.2		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	257.7	119.9	4.5	17.75	6.963
		S	16.6	13.5	4.9		
		N	25	25	25	25	25
+42	13	MEAN	269.9	132.1	12.2	20.13	7.654
		S	16.7	13.5	3.5		
		N	25	25	25	25	25
+45	14	MEAN	274.4	136.6	4.5	17.25	6.353
		S	17.2	14.6	5.9		
		N	25	25	25	25	25
+49	15	MEAN	281.5	143.7	7.1	19.93	7.186
		S	16.6	13.9	4.3		
		N	25	25	25	25	25
+52	16	MEAN	286.2	148.4	4.7	16.57	5.852
		S	18.0	15.2	4.3		
		N	25	25	25	25	25
+56	17	MEAN	291.7	153.9	5.4	19.71	6.841
		S	17.6	14.3	4.5		
		N	25	25	25	25	25
+59	18	MEAN	296.1	158.3	4.4	15.24	5.200
		S	18.6	15.4	3.4		
		N	25	25	25	25	25
+63	19	MEAN	299.0	161.2	2.9	19.37	6.532
		S	18.3	15.1	3.7		
		N	25	25	25	25	25
+66	20	MEAN	306.3	168.5	7.3	15.51	5.142
		S	19.5	16.6	4.2		
		N	25	25	25	25	25
+70	21	MEAN	308.0	170.2	1.7	18.67	6.096
		S	18.6	15.4	4.6		
		N	25	25	25	25	25
+73	22	MEAN	316.5	178.7	8.6	16.63	5.337
		S	20.1	16.7	4.6		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+77	23	MEAN	318.2	180.4	1.7	20.01	6.326
		S	21.5	18.0	3.6		
		N	25	25	25	25	25
+80	24	MEAN	318.3	180.5	0.1	16.36	5.167
		S	21.2	18.6	11.3		
		N	25	25	25	25	25
+84	25	MEAN	325.4	187.6	7.1	20.51	6.388
		S	22.8	19.2	10.7		
		N	25	25	25	25	25
+87	26	MEAN	322.5	184.4	-4.5	17.43	5.385
		S	24.1	21.7	12.5		
		N	24	24	24	24	24
+91	27	MEAN	327.1	189.1	4.7	19.95	6.162
		S	28.8	26.8	11.4		
		N	24	24	24	24	24
+94	28	MEAN	328.8	191.0	-1.7	20.23	6.150
		S	16.4	16.4	3.1		
		N	10	10	10	10	10
+98	29	MEAN	336.7	198.9	7.9	19.10	5.751
		S	17.2	17.1	3.5		
		N	10	10	10	10	10
+101	30	MEAN	342.2	204.4	5.5	19.20	5.668
		S	17.0	17.2	3.0		
		N	10	10	10	10	10
+106	31	MEAN	339.5	201.7	-2.6	17.26	5.066
		S	14.4	16.3	25.3		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						17.23	6.655

HOECHST AG SUMMARY TABLE: .OOD CONSUMPTION AND BODY WEIGH. PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	121.0				
		S	5.6				
		N	25				
+4	2	MEAN	123.8	2.8	2.8	10.11	8.271
		S	5.3	2.3	2.3		
		N	25	25	25	25	25
+7	3	MEAN	128.3	7.3	4.4	11.25	8.940
		S	6.8	3.5	2.8		
		N	25	25	25	25	25
+10	4	MEAN	134.8	13.8	6.5	12.43	9.543
		S	6.9	4.6	2.1		
		N	25	25	25	25	25
+14	5	MEAN	137.0	16.0	2.2	10.11	7.447
		S	10.2	7.7	5.6		
		N	25	25	25	25	25
+17	6	MEAN	142.4	21.4	5.4	10.35	7.435
		S	7.7	6.1	6.4		
		N	25	25	25	25	25
+21	7	MEAN	151.1	30.1	8.7	11.29	7.712
		S	9.3	6.9	3.3		
		N	25	25	25	25	25
+24	8	MEAN	153.2	32.2	2.1	10.19	6.713
		S	10.1	8.0	4.0		
		N	25	25	25	25	25
+28	9	MEAN	162.4	41.4	9.3	12.03	7.648
		S	11.3	9.0	3.5		
		N	25	25	25	25	25
+31	10	MEAN	164.6	43.6	2.2	11.65	7.154
		S	12.4	10.4	3.5		
		N	25	25	25	25	25
+35	11	MEAN	169.5	48.5	4.9	14.19	8.530
		S	11.9	10.2	3.0		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	173.9	52.9	4.4	11.20	6.553
		S	13.0	11.3	3.8		
		N	25	25	25	25	25
+42	13	MEAN	177.7	56.7	3.8	14.01	7.996
		S	12.8	11.3	2.7		
		N	25	25	25	25	25
+45	14	MEAN	180.4	59.4	2.7	11.88	6.651
		S	13.8	11.9	3.3		
		N	25	25	25	25	25
+49	15	MEAN	183.1	62.1	2.7	14.23	7.851
		S	13.7	12.2	4.2		
		N	25	25	25	25	25
+52	16	MEAN	185.3	64.3	2.2	11.53	6.281
		S	14.6	12.8	3.6		
		N	25	25	25	25	25
+56	17	MEAN	189.0	68.0	3.7	13.87	7.442
		S	14.3	12.6	2.7		
		N	25	25	25	25	25
+59	18	MEAN	191.4	70.4	2.4	10.64	5.623
		S	15.6	14.1	4.1		
		N	25	25	25	25	25
+63	19	MEAN	190.5	69.5	-0.8	14.49	7.618
		S	14.5	12.6	4.6		
		N	25	25	25	25	25
+66	20	MEAN	194.5	73.5	4.0	11.04	5.759
		S	15.8	14.0	3.1		
		N	25	25	25	25	25
+70	21	MEAN	196.0	75.0	1.5	13.21	6.793
		S	15.3	13.6	3.7		
		N	25	25	25	25	25
+73	22	MEAN	198.1	77.1	2.1	10.63	5.413
		S	16.8	14.8	3.3		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVICUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+77	23	MEAN	199.6	78.6	1.6	13.92	7.026
		S	16.0	14.1	3.0		
		N	25	25	25	25	25
+80	24	MEAN	197.4	76.4	-2.1	10.89	5.521
		S	15.5	13.7	5.2		
		N	25	25	25	25	25
+84	25	MEAN	201.0	80.0	3.6	13.83	6.962
		S	15.6	14.0	4.3		
		N	25	25	25	25	25
+87	26	MEAN	198.6	77.6	-2.3	12.20	6.122
		S	15.3	13.9	3.7		
		N	25	25	25	25	25
+91	27	MEAN	203.2	82.2	4.6	14.02	7.006
		S	16.2	14.7	3.0		
		N	25	25	25	25	25
+94	28	MEAN	190.2	70.8	-5.0	12.63	6.564
		S	13.3	13.4	3.3		
		N	10	10	10	10	10
+98	29	MEAN	194.2	74.8	4.0	12.80	6.672
		S	15.4	15.5	3.3		
		N	10	10	10	10	10
+101	30	MEAN	191.0	71.6	-3.1	11.23	5.838
		S	20.0	20.9	9.4		
		N	10	10	10	10	10
+105	31	MEAN	195.4	76.6	-0.5	12.47	6.393
		S	13.7	13.1	3.4		
		N	9	9	9	9	9
MEAN FOR COMPLETE TEST						12.14	7.049

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVICUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	133.1				
		S	9.0				
		N	25				
+4	2	MEAN	143.8	10.8	10.8	12.64	9.173
		S	10.8	3.8	3.8		
		N	25	25	25	25	25
+7	3	MEAN	152.5	19.4	8.6	14.35	9.735
		S	11.1	4.2	3.5		
		N	25	25	25	25	25
+10	4	MEAN	163.8	30.8	11.4	12.35	7.850
		S	13.1	7.3	4.8		
		N	25	25	25	25	25
+14	5	MEAN	174.8	41.7	11.0	13.74	8.160
		S	13.0	7.4	3.9		
		N	25	25	25	25	25
+17	6	MEAN	184.8	51.8	10.0	13.83	7.729
		S	13.8	8.2	3.7		
		N	25	25	25	25	25
+21	7	MEAN	198.6	65.6	13.8	15.84	8.302
		S	14.2	9.1	4.7		
		N	25	25	25	25	25
+24	8	MEAN	210.0	77.0	11.4	16.04	7.877
		S	13.5	9.1	4.7		
		N	25	25	25	25	25
+28	9	MEAN	218.2	85.1	8.2	16.35	7.666
		S	14.6	9.7	4.4		
		N	25	25	25	25	25
+31	10	MEAN	228.0	94.9	9.8	16.27	7.318
		S	16.2	11.6	5.4		
		N	25	25	25	25	25
+35	11	MEAN	239.4	106.4	11.4	20.65	8.875
		S	16.3	12.2	4.2		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	244.7	111.6	5.3	16.45	6.828
		S	17.8	13.9	6.7		
		N	25	25	25	25	25
+42	13	MEAN	248.8	115.8	4.1	20.11	8.185
		S	19.3	15.9	7.6		
		N	25	25	25	25	25
+45	14	MEAN	259.2	126.2	10.4	16.93	6.703
		S	18.3	14.5	7.0		
		N	25	25	25	25	25
+49	15	MEAN	265.4	132.3	6.1	21.57	8.260
		S	19.1	15.9	5.5		
		N	25	25	25	25	25
+52	16	MEAN	273.4	140.3	8.0	18.11	6.754
		S	20.0	16.6	4.2		
		N	25	25	25	25	25
+56	17	MEAN	273.5	140.4	0.1	20.62	7.574
		S	19.4	16.6	7.8		
		N	25	25	25	25	25
+59	18	MEAN	283.7	150.6	10.2	18.75	6.759
		S	20.6	18.2	6.5		
		N	25	25	25	25	25
+63	19	MEAN	282.7	149.6	-0.9	19.79	7.013
		S	21.4	20.3	9.5		
		N	25	25	25	25	25
+66	20	MEAN	291.6	159.1	8.3	16.74	5.851
		S	23.1	21.0	3.9		
		N	24	24	24	24	24
+70	21	MEAN	290.6	158.2	-0.9	19.82	6.842
		S	23.1	21.6	5.5		
		N	24	24	24	24	24
+73	22	MEAN	302.0	169.5	11.3	17.75	6.019
		S	24.6	22.5	3.7		
		N	24	24	24	24	24

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

TEST DAY	STUDY		ANIMAL ABSOLUTE	WEIGHT COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+77	23	MEAN	297.3	164.8	-4.6	20.77	6.967
		S	23.8	21.6	4.0		
		N	24	24	24	24	24
+80	24	MEAN	300.6	168.1	3.3	17.24	5.802
		S	24.9	22.8	12.6		
		N	24	24	24	24	24
+84	25	MEAN	308.8	176.4	8.2	21.85	7.205
		S	25.0	23.1	11.7		
		N	24	24	24	24	24
+87	26	MEAN	309.7	177.3	0.9	18.94	6.163
		S	26.2	24.3	5.2		
		N	24	24	24	24	24
+91	27	MEAN	312.9	180.4	3.1	22.06	7.128
		S	27.2	25.4	4.7		
		N	24	24	24	24	24
+94	28	MEAN	310.8	180.7	-1.1	21.00	6.767
		S	23.5	18.6	3.1		
		N	9	9	9	9	9
+98	29	MEAN	317.7	187.6	6.9	19.22	6.142
		S	21.7	16.4	4.3		
		N	9	9	9	9	9
+101	30	MEAN	325.6	195.4	7.9	20.04	6.250
		S	22.6	17.2	2.9		
		N	9	9	9	9	9
+106	31	MEAN	322.0	191.9	-3.5	17.07	5.290
		S	22.2	17.0	3.9		
		N	9	9	9	9	9
MEAN FOR COMPLETE TEST						17.90	7.240

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+1	1	MEAN	121.4				
		S	6.3				
		N	25				
+4	2	MEAN	127.8	6.4	6.4	10.41	8.378
		S	7.9	3.5	3.5		
		N	25	25	25	25	25
+7	3	MEAN	130.2	8.9	2.5	11.79	9.156
		S	6.9	3.1	3.3		
		N	25	25	25	25	25
+10	4	MEAN	136.5	15.1	6.2	10.08	7.573
		S	7.9	4.0	3.4		
		N	25	25	25	25	25
+14	5	MEAN	141.2	19.8	4.7	11.28	8.148
		S	8.8	4.9	2.2		
		N	25	25	25	25	25
+17	6	MEAN	145.9	24.6	4.7	10.87	7.591
		S	9.8	5.3	2.9		
		N	25	25	25	25	25
+21	7	MEAN	153.8	32.5	7.9	12.45	8.336
		S	10.2	6.4	3.5		
		N	25	25	25	25	25
+24	8	MEAN	161.6	40.3	7.8	11.36	7.225
		S	12.4	8.1	3.6		
		N	25	25	25	25	25
+28	9	MEAN	166.6	45.2	4.9	13.16	8.054
		S	12.3	8.3	3.0		
		N	25	25	25	25	25
+31	10	MEAN	174.8	53.4	8.2	12.33	7.258
		S	12.7	10.2	6.9		
		N	25	25	25	25	25
+35	11	MEAN	172.4	51.0	-2.3	15.47	8.950
		S	13.2	9.6	7.5		
		N	25	25	25	25	25

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+38	12	MEAN	182.2	60.9	9.9	12.75	7.231
		S	14.0	10.7	3.3		
		N	25	25	25	25	25
+42	13	MEAN	183.6	62.3	1.4	16.06	8.826
		S	13.6	10.6	3.1		
		N	25	25	25	25	25
+45	14	MEAN	187.0	65.6	3.4	12.25	6.646
		S	15.9	12.2	4.3		
		N	25	25	25	25	25
+49	15	MEAN	188.2	66.9	1.2	15.90	8.520
		S	14.8	11.3	3.1		
		N	25	25	25	25	25
+52	16	MEAN	192.2	70.8	3.9	11.87	6.270
		S	15.9	12.3	3.5		
		N	25	25	25	25	25
+56	17	MEAN	192.0	70.3	0.0	14.93	7.829
		S	14.9	11.7	3.4		
		N	24	24	24	24	24
+59	18	MEAN	196.8	75.1	4.8	13.49	6.975
		S	16.0	12.4	3.1		
		N	24	24	24	24	24
+63	19	MEAN	194.5	72.8	-2.2	15.33	7.883
		S	15.2	11.8	2.9		
		N	24	24	24	24	24
+66	20	MEAN	201.0	79.4	6.6	12.15	6.178
		S	16.6	13.2	3.3		
		N	24	24	24	24	24
+70	21	MEAN	198.3	76.6	-2.6	14.54	7.318
		S	15.2	12.1	3.2		
		N	24	24	24	24	24
+73	22	MEAN	206.1	84.4	7.8	12.47	6.200
		S	16.3	13.1	3.2		
		N	24	24	24	24	24

HOECHST AG SUMMARY TABLE: FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
+77	23	MEAN	202.0	80.3	-4.0	14.83	7.307
		S	15.5	12.0	4.5		
		N	24	24	24	24	24
+80	24	MEAN	202.4	80.7	0.4	11.35	5.625
		S	18.3	14.9	6.3		
		N	24	24	24	24	24
+84	25	MEAN	204.2	82.7	0.9	15.96	7.882
		S	15.5	12.1	5.6		
		N	23	23	23	23	23
+87	26	MEAN	203.8	82.3	-0.2	13.22	6.516
		S	17.4	13.9	4.9		
		N	23	23	23	23	23
+91	27	MEAN	206.0	84.5	2.1	15.35	7.528
		S	17.0	13.7	4.8		
		N	23	23	23	23	23
+94	28	MEAN	208.1	85.6	-1.2	14.73	7.072
		S	11.0	9.4	3.0		
		N	10	10	10	10	10
+98	29	MEAN	211.8	89.3	3.7	14.25	6.800
		S	11.7	9.5	3.5		
		N	10	10	10	10	10
+101	30	MEAN	211.5	89.0	-0.2	13.27	6.279
		S	12.1	9.6	4.6		
		N	10	10	10	10	10
+105	31	MEAN	211.8	89.3	0.3	14.25	6.741
		S	10.6	7.4	3.2		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						13.27	7.410

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG. TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	12.60	6.163	36.8	25.6	812.7	6.37	0.00	0.04	11.40	0.24	0.04	88.20	0.00	0.08		
S	0.63	0.382	1.8	7.4	116.0	1.74	0.00	0.20	4.57	0.44	0.20	4.71	0.00	0.28		
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	16.21	8.425	48.5	21.2	775.9	10.36	0.00	0.00	8.87	0.27	0.00	90.87	0.00	0.00		
S	0.70	0.338	2.1	6.5	108.8	1.93	0.00	0.00	7.49	0.46	0.00	7.82	0.00	0.00		
N	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0
. INTERMEDIATE VALUE																
MEAN	14.31	7.486	41.5	20.3	694.3	5.50	0.00	0.10	11.20	0.70	0.00	88.00	0.00	0.00		
S	0.54	0.387	2.2	7.8	61.9	0.98	0.00	0.32	3.71	0.82	0.00	3.83	0.00	0.00		
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 094 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG. TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	13.66	6.322	39.2	21.8	823.2	8.61	0.00	0.00	11.64	0.40	0.00	87.80	0.12	0.04		
S	0.65	0.371	2.0	8.5	92.6	1.78	0.00	0.00	5.07	0.65	0.00	5.16	0.44	0.20		
N	25	25	25	24	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	15.20	7.425	44.1	18.5	694.0	7.02	0.00	0.07	9.93	0.60	0.00	89.40	0.00	0.00		
S	0.64	0.309	1.9	6.3	126.1	1.29	0.00	0.26	3.77	0.83	0.00	3.79	0.00	0.00		
N	13	13	13	13	13	13	15	15	15	15	15	15	15	15	0	0
. INTERMEDIATE VALUE																
MEAN	13.59	6.841	40.4	13.4	579.7	4.80	0.00	0.00	12.29	1.57	0.14	86.00	0.00	0.00		
S	0.61	0.406	2.7	5.1	198.1	0.96	0.00	0.00	6.07	0.79	0.38	6.48	0.00	0.00		
N	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG.TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	12.77	6.214	37.6	29.4	776.6	6.95	0.00	0.00	10.48	0.24	0.00	89.28	0.00	0.00		
S	0.83	0.462	2.7	12.3	101.4	1.91	0.00	0.00	4.56	0.52	0.00	4.52	0.00	0.00		
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	15.85	8.303	47.9	21.6	800.8	9.97	0.00	0.00	11.46	0.77	0.00	87.77	0.00	0.00		
S	1.11	0.458	3.2	10.4	86.0	2.04	0.00	0.00	4.61	1.01	0.00	4.25	0.00	0.00		
N	15	15	15	14	15	15	13	13	13	13	13	13	13	13	0	0
. INTERMEDIATE VALUE																
MEAN	14.97	7.949	44.6	19.1	699.7	5.50	0.00	0.00	9.71	0.57	0.00	89.71	0.00	0.00		
S	0.60	0.299	2.8	8.6	50.7	0.82	0.00	0.00	3.82	0.79	0.00	3.73	0.00	0.00		
N	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: C545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 40 MG/KG

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG.TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	13.56	6.554	38.9	22.1	777.6	8.68	0.00	0.00	9.36	0.32	0.08	90.08	0.04	0.12		
S	0.74	0.432	1.8	9.0	89.1	1.82	0.00	0.00	4.22	0.56	0.40	4.20	0.20	0.33		
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	15.21	7.615	44.0	17.1	753.5	7.59	0.00	0.07	8.20	0.93	0.00	90.07	0.07	0.00		
S	0.57	0.263	2.0	8.5	78.7	0.92	0.00	0.26	4.35	0.88	0.00	4.71	0.26	0.00		
N	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0
. INTERMEDIATE VALUE																
MEAN	13.70	7.414	42.2	13.3	636.8	4.62	0.00	0.00	8.80	1.10	0.00	90.00	0.00	0.10		
S	0.68	0.432	1.9	6.0	79.2	0.99	0.00	0.00	3.61	1.20	0.00	3.46	0.00	0.32		
N	10	10	10	9	10	10	10	10	10	10	10	10	10	10	0	0

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG. TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	13.08	6.438	38.8	16.0	782.6	7.24	0.00	0.00	14.60	0.20	0.00	85.00	0.00	0.20		
S	0.84	0.287	2.2	3.7	74.3	0.35	0.00	0.00	4.83	0.45	0.00	4.74	0.00	0.45		
N	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0
INITIAL VALUE																
MEAN	12.79	6.268	37.6	20.5	781.9	6.42	0.00	0.04	11.56	0.12	0.04	88.20	0.00	0.04		
S	0.58	0.288	1.7	9.5	82.7	1.48	0.00	0.20	5.70	0.33	0.20	5.69	0.00	0.20		
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	15.61	8.653	48.3	20.7	749.5	10.88	0.00	0.07	15.47	0.80	0.00	83.67	0.00	0.00		
S	1.17	0.343	2.6	8.3	45.9	2.57	0.00	0.26	8.92	1.15	0.00	8.50	0.00	0.00		
N	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0
. INTERMEDIATE VALUE																
MEAN	15.29	7.986	44.9	15.4	697.7	5.37	0.00	0.00	13.00	0.80	0.10	85.90	0.10	0.10		
S	0.80	0.575	3.5	4.7	80.9	1.79	0.00	0.00	5.85	0.92	0.32	5.36	0.32	0.32		
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 100 MG/KG

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG. TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	13.59	6.622	39.5	24.3	782.5	8.73	0.00	0.08	10.92	0.60	0.04	88.20	0.08	0.08		
S	0.61	0.353	1.8	10.8	74.1	1.59	0.00	0.28	5.22	0.96	0.20	5.54	0.28	0.28		
N	25	25	25	24	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	15.16	7.919	45.6	20.4	734.3	7.73	0.00	0.00	7.27	0.47	0.00	92.27	0.00	0.00		
S	1.09	0.541	3.7	8.0	65.6	2.26	0.00	0.00	3.79	0.83	0.00	3.75	0.00	0.00		
N	14	14	14	14	14	14	15	15	15	15	15	15	15	15	0	0
. INTERMEDIATE VALUE																
MEAN	13.96	7.056	39.5	17.5	438.4	5.74	0.00	0.00	8.25	0.75	0.00	91.00	0.00	0.00		
S	1.01	0.523	3.0	4.2	82.8	0.81	0.00	0.00	3.96	0.89	0.00	3.59	0.00	0.00		
N	8	8	8	8	8	8	8	8	8	8	8	8	8	8	0	0

DOFCAST 86 SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: DT 004 STUDY: 0545 START OF STUDY: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: MALE
START OF STUDY THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

	HB IN G %	LBC IN 10EXP6	PCV	RETI	PLA-TELETS	RBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG. TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	14.13	6.546	39.5	23.8	758.9	7.70	0.00	0.08	11.80	0.20	0.00	87.84	0.00	0.08		
S	0.64	0.343	1.8	7.9	88.6	1.62	0.00	0.28	5.96	0.41	0.00	6.24	0.00	0.28		
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0
INTERMEDIATE VALUE																
MEAN	15.06	8.644	46.8	18.1	770.4	11.27	0.00	0.13	16.13	1.07	0.00	83.33	0.00	0.00		
S	1.40	0.301	3.9	9.2	79.1	3.77	0.00	0.35	8.75	0.96	0.00	9.08	0.00	0.00		
N	15	15	15	14	15	15	15	15	15	15	15	15	15	15	0	0
INTERMEDIATE VALUE																
MEAN	14.54	8.051	44.0	16.7	634.0	7.18	0.00	0.00	9.67	0.67	0.00	89.67	0.00	0.00		
S	0.70	0.187	1.9	6.6	107.3	1.87	0.00	0.00	3.74	0.71	0.00	3.74	0.00	0.00		
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	0

HOECHST AG SUMMARY TABLE: HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD: HT 004 TEST: 0545 START OF TEST: 21.06.1976 PREPN. NO.: OCTOPIROX
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 22.06.1976
DOSE: 250 MG/KG

	HB IN G %	RBC 10EXP6	PCV	RETI	PLA-TELETS	WBC	JUV. %	BAND %	SEGM. %	EOS %	BASO %	LYMPH %	MONO %	PLASMA CELLS	COAG.TIME SEC	PROTHR TIME SEC
INITIAL VALUE																
MEAN	13.92	6.569	40.0	25.2	800.6	8.54	0.00	0.00	14.52	0.16	0.04	85.24	0.00	0.04		
S	0.97	0.509	3.0	9.0	99.1	1.91	0.00	0.00	6.20	0.37	0.20	6.26	0.00	0.20		
N	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0
. INTERMEDIATE VALUE																
MEAN	15.16	7.814	44.5	25.7	749.3	8.49	0.00	0.08	8.38	0.46	0.00	91.08	0.00	0.00		
S	0.74	0.340	2.5	8.5	47.0	1.51	0.00	0.28	7.34	0.66	0.00	7.92	0.00	0.00		
N	13	13	13	13	13	13	13	13	13	13	13	13	13	13	0	0
. INTERMEDIATE VALUE																
MEAN	13.78	7.021	39.3	18.6	476.6	5.77	0.00	0.00	8.10	0.50	0.00	75.40	0.00	0.00		
S	0.45	0.291	0.8	7.9	93.5	1.65	0.00	0.00	5.57	0.71	0.00	32.35	0.00	0.00		
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0

ENDWERTE OCTOPIROX

PROGRAMM BIO501 V07 LISTE 5 KLIN. CHEMIE MIT RATTEN

UEBERSICHTSLISTE OCT. PIR. RATTEN MAENNLICH 14 WOCHEN

DOSIS	NA	K	ANORG. PHOSPH	HARN-SAEURE	BILI-RUBIN	KREAT.	GLUKOSE	HARNST-N	CA	CL	SGOT	SGPT	AP
0	141.33	6.50	2.07	125.20	6.20	61.33	7.38	3.25	2.31	93.33	113.13	43.00	228.87
	2.58	1.18	0.15	33.43	0.68	2.74	1.21	1.36	0.09	3.33	64.39	23.44	50.45
	15	15	15	15	15	15	15	15	15	15	15	15	15
40	142.93	5.75	2.08	95.20	5.93	59.00	8.13	3.28	2.35	93.73	91.93	38.33	232.13
	2.31	0.47	0.19	16.59	0.94	2.98	2.65	1.07	0.17	2.76	17.20	14.69	55.99
	15	15	15	15	15	15	15	15	15	15	15	15	15
100	144.64	6.21	2.21	147.96	5.75	67.85	6.92	3.21	2.26	94.69	90.00	33.85	218.08
	2.44	0.80	0.37	94.44	1.16	13.23	1.19	0.89	0.05	2.21	17.38	13.18	19.54
	14	14	14	14	14	14	13	13	13	13	13	13	13
250	143.53	5.57	1.92	96.40	5.27	61.07	7.66	3.14	2.27	94.93	82.00	31.53	225.93
	2.17	0.35	0.18	11.74	0.80	6.44	2.99	0.57	0.09	2.55	15.75	11.63	65.66
	15	15	15	15	15	15	15	15	15	15	15	15	15

ENDWERTE OCTOPIROX

PROGRAMM BIO501 V07 LISTE 5 KLIN. CHEMIE MIT RATTEN

UEBERSICHTSLISTE OCT. PIR. RATTEN WEIBLICH 14 WOCHEN

DOSIS	NA	K	ANORG. PHOSPH	HARN-SAEURE	BILI-RUBIN	KREAT.	GLUKOSE	HARNST-N	CA	CL	SGOT	SGPT	AP
0	143.73	5.88	2.02	97.80	5.70	59.27	6.77	7.55	2.39	95.07	94.07	36.40	142.67
	2.58	0.53	0.18	19.30	0.88	6.05	2.29	1.34	0.18	3.61	20.88	14.91	46.48
	15	15	15	15	15	15	15	15	15	15	15	15	15
40	142.53	5.71	1.90	90.53	5.67	58.87	5.71	7.87	2.32	95.07	94.47	48.00	147.20
	1.81	0.36	0.10	12.70	0.56	4.12	0.83	1.10	0.07	3.77	19.28	10.97	29.83
	15	15	15	15	15	15	15	15	15	15	15	15	15
100	143.20	5.73	1.90	92.00	5.53	60.67	5.81	9.03	2.28	94.40	96.33	49.40	147.20
	2.27	0.45	0.14	18.56	0.83	6.17	0.39	1.61	0.07	3.68	18.78	9.11	47.03
	15	15	15	15	15	15	15	15	15	15	15	15	15
250	144.08	5.62	1.86	85.38	5.42	56.00	6.43	3.61	2.29	94.00	105.31	50.15	147.62
	2.43	0.25	0.13	5.12	0.45	3.11	0.63	1.26	0.08	3.11	23.53	12.35	42.84
	13	13	13	13	13	13	13	13	13	13	13	13	13

OCTOPIROX ENDWERTE, 2 WOCHEN NACH PRAEPARATENTZUG

PROGRAMM 810501 V07 LISTE 1 KLIN. CHEMIE MIT RATTEN

UEBERSICHTSLISTE OCT. PIR. RATTEN MAENNLICH 16 WOCHEN

DOSIS	NA	K	ANORG. PHOSPH	HARN-SAEURE	BILI-RUBIN	KREAT.	GLUKOSE	HARNST-N	CA	CL	SGOT	SGPT	AP
0	140.80	5.93	2.00	81.40	4.55	60.70	8.18	9.54	2.36	94.00	81.50	43.20	225.80
	1.62	0.33	0.14	8.64	0.50	5.95	0.83	0.75	0.05	2.75	15.61	7.19	60.06
	10	10	10	10	10	10	10	10	10	10	10	10	10
40	141.22	6.06	2.40	106.00	3.78	55.67	7.46	7.71	2.32	93.33	96.44	46.44	266.00
	1.39	0.47	0.15	13.27	0.44	1.94	0.66	0.72	0.07	3.24	24.20	8.68	54.03
	9	9	9	9	9	9	9	9	9	9	9	9	9
100	140.30	6.53	2.30	150.60	4.05	61.20	8.97	8.05	2.39	96.10	117.10	75.80	251.00
	1.25	2.31	0.71	169.00	0.64	14.61	5.42	1.74	0.19	2.08	75.73	83.19	35.62
	10	10	10	10	10	10	10	10	10	10	10	10	10
250	139.56	6.62	1.91	138.00	4.94	62.44	8.04	8.96	2.33	95.44	87.33	42.78	241.67
	4.50	1.12	0.19	80.57	0.53	7.86	1.15	0.80	0.07	2.07	24.59	10.15	39.31
	9	9	9	9	9	9	9	9	9	9	9	9	9

OCTOPIROX ENDWERTE, 2 WOCHEN NACH PRAEPARATENTZUG

PROGRAMM BIO501 V07 LISTE 1 KLIN. CHEMIE MIT RATTEN

UEBERSICHTSLISTE OCT. PIR. RATTEN WEIBLICH 16 WOCHEN

DOSIS	NA	K	ANORG. PHOSPH	HARN-SAEURE	BILI-RUBIN	KREAT.	GLUKOSE	HARNST-N	CA	CL	SGOT	SGPT	AP
0	141.60	6.45	2.13	107.00	4.75	57.80	6.87	7.76	2.34	95.20	125.10	49.10	168.90
	2.41	0.61	0.13	17.21	0.42	2.74	0.63	0.86	0.08	3.68	25.91	8.01	66.82
	10	10	10	10	10	10	10	10	10	10	10	10	10
40	142.80	6.31	2.19	115.00	4.95	57.50	6.82	8.00	2.35	93.50	139.00	49.20	162.30
	2.97	0.62	0.13	18.29	0.50	6.00	0.69	1.30	0.11	2.12	46.71	13.11	37.54
	10	10	10	10	10	10	10	10	10	10	10	10	10
100	141.33	6.97	2.30	118.89	5.72	58.00	6.03	9.06	2.34	94.56	118.78	52.00	201.67
	2.45	0.48	0.10	26.82	0.79	4.36	0.64	1.65	0.05	4.69	30.36	9.25	44.12
	9	9	9	9	9	9	9	9	9	9	9	9	9
250	141.40	7.38	2.27	109.40	5.10	57.20	6.23	9.93	2.35	95.30	131.40	49.50	136.80
	2.41	0.54	0.13	16.05	1.05	3.16	0.97	1.23	0.05	3.53	29.49	10.07	42.42
	10	10	10	10	10	10	10	10	10	10	10	10	10

HOECHST AG SUMMARY TABLE ORGAN WEIGHTS IN G PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 004 STUDY 0545 START OF STUDY 21.06.1976 PREPARATION OCTOPIROX
ANIMAL RAT ROUTE STOMACH TUBE
DRUG FREE DAYS BEF. KILLING 01

M 1 = CONTROL MALE
W 1 = CONTROL FEMALE
M 2 = 40 MG/KG MALE
W 2 = 40 MG/KG FEMALE
M 3 = 100 MG/KG MALE
W 3 = 100 MG/KG FEMALE
M 4 = 250 MG/KG MALE
W 4 = 250 MG/KG FEMALE

		N	BODY WEIGHT	HEART	LUNGS	LIVER	KIDNEYS	SPLEEN	TESTES/ OVARIES	ADRENAL	THYROID	BRAIN	PITU-ITARY	SEMINAL VESICLE
M 1	MEAN	15	332.9	1.00	1.62	10.84	1.953	0.651	3.226	0.047	0.021	2.026	0.009	
	S		32.6	0.30	0.35	1.35	0.216	0.111	0.405	0.006	0.007	0.121	0.002	
W 1	MEAN	15	213.9	0.70	1.32	7.57	1.314	0.556	0.156	0.059	0.018	1.807	0.012	
	S		13.8	0.06	0.29	0.70	0.139	0.123	0.066	0.009	0.007	0.175	0.002	
M 2	MEAN	15	333.8	0.95	1.56	10.77	1.919	0.568	3.268	0.049	0.021	1.985	0.010	
	S		24.4	0.19	0.41	1.05	0.182	0.172	0.358	0.011	0.005	0.104	0.001	
W 2	MEAN	15	204.5	0.67	1.24	6.78	1.254	0.506	0.112	0.057	0.017	1.849	0.012	
	S		12.5	0.08	0.25	0.59	0.099	0.121	0.043	0.010	0.006	0.123	0.002	
M 3	MEAN	13	334.5	0.95	1.57	10.52	1.908	0.617	3.357	0.052	0.019	1.996	0.010	
	S		27.8	0.13	0.24	0.96	0.205	0.096	0.285	0.012	0.008	0.123	0.001	
W 3	MEAN	15	208.7	0.68	1.20	7.16	1.368	0.488	0.109	0.060	0.014	1.817	0.012	
	S		16.5	0.08	0.19	1.19	0.245	0.088	0.051	0.011	0.004	0.092	0.002	
M 4	MEAN	15	317.5	1.01	1.57	10.02	1.932	0.610	3.245	0.047	0.020	1.982	0.009	
	S		29.8	0.30	0.30	1.05	0.286	0.091	0.206	0.010	0.009	0.125	0.001	
W 4	MEAN	13	207.8	0.63	1.12	7.16	1.366	0.506	0.116	0.059	0.019	1.846	0.012	
	S		22.0	0.08	0.22	1.28	0.257	0.112	0.049	0.011	0.008	0.108	0.001	

HOECHST AG SUMMARY TABLE ORGAN WEIGHTS IN G PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 004 STUDY 0545 START OF STUDY 21.06.1976 PREPARATION OCTOPIROX
ANIMAL RAT ROUTE STOMACH TUBE
DRUG FREE DAYS BEF. KILLING 17

M 1 =	CONTROL		MALE
W 1 =	CONTROL		FEMALE
M 2 =	40	MG/KG	MALE
W 2 =	40	MG/KG	FEMALE
M 3 =	100	MG/KG	MALE
W 3 =	100	MG/KG	FEMALE
M 4 =	250	MG/KG	MALE
W 4 =	250	MG/KG	FEMALE

		N	BODY WEIGHT	HEART	LUNGS	LIVER	KIDNEYS	SPLEEN	TESTES/ OVARIES	ADRENAL	THYROID	BRAIN	PITU-ITARY	SEMINAL VESICLE
M 1	MEAN	10	361.0	1.27	2.00	11.37	2.084	0.611	3.324	0.052	0.020	2.108	0.011	
	S		37.2	0.34	0.43	1.68	0.236	0.091	0.549	0.007	0.005	0.050	0.001	
W 1	MEAN	10	206.8	0.71	1.22	7.26	1.248	0.475	0.145	0.059	0.016	2.005	0.013	
	S		9.4	0.06	0.19	0.96	0.101	0.073	0.025	0.004	0.003	0.099	0.002	
M 2	MEAN	9	373.3	1.16	1.96	11.79	2.068	0.695	3.536	0.052	0.020	2.114	0.011	
	S		34.5	0.16	0.60	1.47	0.161	0.104	0.163	0.006	0.006	0.092	0.001	
W 2	MEAN	10	200.2	0.68	1.16	6.74	1.192	0.458	0.126	0.059	0.016	1.874	0.011	
	S		22.0	0.09	0.11	0.93	0.121	0.063	0.044	0.007	0.003	0.209	0.002	
M 3	MEAN	10	343.6	1.10	1.54	11.42	1.912	0.571	3.245	0.046	0.017	2.111	0.011	
	S		15.8	0.10	0.14	0.90	0.203	0.097	0.233	0.004	0.004	0.107	0.000	
W 3	MEAN	9	199.0	0.68	1.12	6.44	1.072	0.443	0.106	0.053	0.013	1.936	0.010	
	S		12.9	0.07	0.13	0.89	0.374	0.087	0.030	0.009	0.002	0.048	0.002	
M 4	MEAN	9	327.9	1.05	1.75	10.95	1.954	0.637	3.286	0.047	0.017	2.063	0.010	
	S		23.5	0.08	0.28	0.89	0.101	0.113	0.238	0.006	0.004	0.091	0.000	
W 4	MEAN	10	205.9	0.71	1.38	7.14	1.215	0.479	0.112	0.057	0.016	1.996	0.014	
	S		34.2	0.07	0.34	0.74	0.149	0.065	0.036	0.008	0.005	0.083	0.002	

HOECHST AG SUMMARY TABLE ORGAN WEIGHTS IN G / 100 G BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 004 STUDY 0545 START OF STUDY 21.06.1976 PREPARATION OCTOPIROX
ANIMAL RAT ROUTE STOMACH TUBE
DRUG FREE DAYS BEF. KILLING 01

M 1 =	CONTROL			MALE
W 1 =	CONTROL			FEMALE
M 2 =	40	MG/KG		MALE
W 2 =	40	MG/KG		FEMALE
M 3 =	100	MG/KG		MALE
W 3 =	100	MG/KG		FEMALE
M 4 =	250	MG/KG		MALE
W 4 =	250	MG/KG		FEMALE

		N	BODY WEIGHT	HEART	LUNGS	LIVER	KIDNEYS	SPLEEN	TESTES/ OVARIES	ADRENAL	THYROID	BRAIN	PITU-ITARY	SEMINAL VESICLE
M 1	MEAN	15	332.9	0.30	0.49	3.25	0.587	0.196	0.976	0.014	0.006	0.612	0.002	
	S		32.6	0.08	0.10	0.19	0.036	0.034	0.145	0.001	0.002	0.057	0.000	
W 1	MEAN	15	213.9	0.33	0.62	3.54	0.614	0.260	0.074	0.028	0.008	0.846	0.005	
	S		13.8	0.04	0.15	0.27	0.046	0.061	0.041	0.004	0.003	0.083	0.000	
M 2	MEAN	15	333.8	0.28	0.46	3.22	0.575	0.169	0.982	0.015	0.006	0.596	0.002	
	S		24.4	0.04	0.11	0.15	0.036	0.047	0.108	0.003	0.001	0.040	0.000	
W 2	MEAN	15	204.5	0.33	0.61	3.31	0.614	0.246	0.054	0.028	0.008	0.906	0.005	
	S		12.5	0.03	0.11	0.19	0.033	0.049	0.020	0.004	0.002	0.071	0.000	
M 3	MEAN	13	334.5	0.29	0.47	3.15	0.571	0.185	1.008	0.016	0.006	0.599	0.003	
	S		27.8	0.04	0.09	0.18	0.049	0.030	0.108	0.003	0.002	0.052	0.000	
W 3	MEAN	15	208.7	0.33	0.58	3.42	0.656	0.233	0.052	0.029	0.007	0.874	0.005	
	S		16.5	0.03	0.09	0.44	0.115	0.036	0.022	0.004	0.001	0.059	0.000	
M 4	MEAN	15	317.5	0.32	0.49	3.16	0.608	0.192	1.028	0.015	0.006	0.627	0.002	
	S		29.8	0.08	0.09	0.18	0.051	0.026	0.092	0.003	0.002	0.044	0.000	
W 4	MEAN	13	207.8	0.31	0.53	3.43	0.665	0.242	0.056	0.029	0.009	0.896	0.005	
	S		22.0	0.03	0.07	0.38	0.162	0.045	0.024	0.005	0.004	0.098	0.000	

HOECHST AG SUMMARY TABLE ORGAN WEIGHTS IN G / 100 G BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 004 STUDY 0545 START OF STUDY 21.06.1976 PREPARATION GOTOPIROX
ANIMAL RAT ROUTE STOMACH TUBE
DRUG FREE DAYS BEF. KILLING 17

M 1 =	CONTROL			MALE
W 1 =	CONTROL			FEMALE
M 2 =	40	MG/KG		MALE
W 2 =	40	MG/KG		FEMALE
M 3 =	100	MG/KG		MALE
W 3 =	100	MG/KG		FEMALE
M 4 =	250	MG/KG		MALE
W 4 =	250	MG/KG		FEMALE

		N	BODY WEIGHT	HEART	LUNGS	LIVER	KIDNEYS	SPLEEN	TESTES/ OVARIES	ADRENAL	THYROID	BRAIN	PITU-ITARY	SEMINAL VESICLE
M 1	MEAN	10	361.0	0.36	0.55	3.14	0.578	0.171	0.930	0.014	0.005	0.590	0.003	
	S		37.2	0.12	0.10	0.23	0.037	0.030	0.170	0.002	0.001	0.071	0.000	
W 1	MEAN	10	206.8	0.34	0.59	3.50	0.603	0.229	0.070	0.028	0.008	0.970	0.006	
	S		9.4	0.03	0.10	0.37	0.040	0.034	0.012	0.001	0.001	0.041	0.001	
M 2	MEAN	9	373.3	0.31	0.53	3.15	0.556	0.187	0.952	0.014	0.005	0.569	0.002	
	S		34.5	0.03	0.19	0.20	0.037	0.034	0.067	0.001	0.002	0.040	0.000	
W 2	MEAN	10	200.2	0.34	0.58	3.36	0.598	0.229	0.064	0.030	0.008	0.942	0.005	
	S		22.0	0.04	0.09	0.19	0.057	0.032	0.027	0.004	0.002	0.119	0.000	
M 3	MEAN	10	343.6	0.32	0.45	3.32	0.556	0.166	0.946	0.013	0.005	0.615	0.003	
	S		15.8	0.03	0.04	0.24	0.053	0.027	0.073	0.001	0.001	0.040	0.000	
W 3	MEAN	9	199.0	0.34	0.56	3.22	0.538	0.221	0.053	0.026	0.007	0.975	0.005	
	S		12.9	0.03	0.05	0.27	0.187	0.038	0.014	0.004	0.001	0.062	0.000	
M 4	MEAN	9	327.9	0.32	0.53	3.34	0.597	0.193	1.005	0.014	0.005	0.632	0.003	
	S		23.5	0.02	0.06	0.18	0.031	0.024	0.083	0.002	0.001	0.056	0.000	
W 4	MEAN	10	205.9	0.35	0.69	3.62	0.613	0.238	0.057	0.029	0.008	1.001	0.007	
	S		34.2	0.07	0.20	1.15	0.175	0.051	0.024	0.010	0.003	0.223	0.002	

HOECHST AG

STATISTISCH ÜBERSICHT KOERPERGEWICHT
VERSUCH 0545 VERSUCHSBEGINN:21.06.1976

PHARMA FORSCHUNG TOXIKOLOGIE
PRAEPARAT:OCTOPIROX

90-TAGE-VERSUCH

PRUEFUNGSLEITER :MAYER,DR.
STAMM :HOE:WISKF(SPF 71)
LOESUNGSMITTEL :STAERKESCHLEIM

VERSUCHSTIER :RATTE
ZUECHTER :HOECHST AG
APPLIKATIONSWEG :SCHLUNDSONDE

K = KONTROLLE
D1 = VERSUCHSPRAEPARAT 1.DOSIS 40.0000 MG/KG
D2 = VERSUCHSPRAEPARAT 2.DOSIS 100.0000 MG/KG
D3 = VERSUCHSPRAEPARAT 3.DOSIS 250.0000 MG/KG

+1. BIS +28. VERSUCHSTAG F = FLAECHENBERECHNUNG
N.S. = NICHT SIGNIFIKANT 0.05 = IRRTUMSWAHRSCHEINLICHKEIT

(1) = SIMULTANER VERGLEICH NACH NEMENYI
(3) = SIMULTANER VERGLEICH NACH TUKEY

MAENNCHEN

		K/D1	K/D2	K/D3	D1/D2	D1/D3	D2/D3
1)	KOERPERGEW.(F):	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
3)	+1.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+4.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
3)	+7.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+10.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+14.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
3)	+17.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
3)	+21.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
3)	+24.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
3)	+28.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.

WEIBCHEN

		K/D1	K/D2	K/D3	D1/D2	D1/D3	D2/D3
3)	KOERPERGEW.(F):	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+1.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+4.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+7.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+10.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+14.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+17.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+21.TAG	0.05	0.05	N.S.	N.S.	N.S.	N.S.
3)	+24.TAG	N.S.	N.S.	N.S.	N.S.	0.05	0.05
3)	+28.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

HOECHST AG

STATISTISCH ÜBERSICHT KOERPERGEWICHT
VERSUCH 0543 VERSUCHSBEGINN:21.06.1976

PHARMA FORSCHUNG TOXIKOLOGIE
PRAEPARAT:OCTOPIROX

90-TAGE-VERSUCH

PRUEFUNGSLEITER :MAYER,DR.
STAMM :HOF:WISKF(SPF 71)
LOESUNGSMITTEL :STAERKESCHLEIM

VERSUCHSTIER :RATTE
ZUECHTER :HOECHST AG
APPLIKATIONSWEG :SCHLUNDSONDE

K = KONTROLLE
D1 = VERSUCHSPRAEPARAT 1.DOSIS 40.0000 MG/KG
D2 = VERSUCHSPRAEPARAT 2.DOSIS 100.0000 MG/KG
D3 = VERSUCHSPRAEPARAT 3.DOSIS 250.0000 MG/KG

+28. BIS +91. VERSUCHSTAG F = FLAECHENBERECHNUNG
N.S. = NICHT SIGNIFIKANT 0.05 = IRRTUMSWAHRSCHEINLICHKEIT

(1) = SIMULTANER VERGLEICH NACH NEMENYI
(2) = SIMULTANER VERGLEICH NACH SCHEFFE
(3) = SIMULTANER VERGLEICH NACH TUKEY

MAENNCHEN

		K/D1	K/D2	K/D3	D1/D2	D1/D3	D2/D3
(2)	KOERPERGEW.(F):	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(3)	+31.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
(3)	+35.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(3)	+38.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(1)	+42.TAG	N.S.	N.S.	0.05	N.S.	0.05	0.05
(2)	+45.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+49.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+52.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+56.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+59.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
(2)	+63.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+66.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+70.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+73.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+77.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+80.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+84.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
(1)	+87.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(2)	+91.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.

HOECHST AG

STATISTISC ÜBERSICHT KOERPERGEWICHT
VERSUCH 0545 VERSUCHSBEGINN:21.06.1976

PHARMA FORSCHUNG TOXIKOLOGIE
PRAEPARAT:OCTOPIROX

90-TAGE-VERSUCH

PRUEFUNGSLEITER :MAYER,DR.
STAMM :HOF:WISKF(SPF 71)
LOESUNGSMITTEL :STAERKESCHLEIM

VERSUCHSTIER :RATTE
ZUECHTER :HOECHST AG
APPLIKATIONSWEG :SCHLUNDSONDE

K = KONTROLLE
D1 = VERSUCHSPRAEPARAT 1.DOSIS 40.0000 MG/KG
D2 = VERSUCHSPRAEPARAT 2.DOSIS 100.0000 MG/KG
D3 = VERSUCHSPRAEPARAT 3.DOSIS 250.0000 MG/KG

+28. BIS +91. VERSUCHSTAG F = FLAECHENBERECHNUNG
N.S. = NICHT SIGNIFIKANT 0.05 = IRRTUMSWAHRSCHEINLICHKEIT

(1) = SIMULTANER VERGLEICH NACH NEMENYI
(2) = SIMULTANER VERGLEICH NACH SCHEFFE
(3) = SIMULTANER VERGLEICH NACH TUKEY

WEIBCHEN

		K/D1	K/D2	K/D3	D1/D2	D1/D3	D2/D3
2)	KOERPERGEW.(F):	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+31.TAG	N.S.	N.S.	N.S.	N.S.	0.05	0.05
3)	+35.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+38.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
1)	+42.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+45.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+49.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
3)	+52.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
1)	+56.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
1)	+59.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+63.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+66.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+70.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+73.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+77.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+80.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2)	+84.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
1)	+87.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
1)	+91.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

HOECHST AG STATISTISC UEBERSICHT KOERPERGEWICHT PH
VERSUCH 05-5 VERSUCHSBEGINN:21.06.1976

90-TAGE-VERSUCH

PRUEFUNGSLEITER :MAYER,DR.
STAMM :HOE:WISKF(SPF 71)
LOESUNGSMITTEL :STAERKESCHLEIM

VERSUCHSTIER :RATTE
ZUECHTER :HOECHST AG
APPLIKATIONSWEG :SCHLUNDS

K = KONTROLLE
D1 = VERSUCHSPRAEPARAT 1.DOSIS 40.0000 MG/KG
D2 = VERSUCHSPRAEPARAT 2.DOSIS 100.0000 MG/KG
D3 = VERSUCHSPRAEPARAT 3.DOSIS 250.0000 MG/KG

+91. BIS 106. VERSUCHSTAG F = FLAECHENBERECHNUNG
N.S. = NICHT SIGNIFIKANT 0.05 = IRRTUMSWAHRSCHEIN

(1) = SIMULTANER VERGLEICH NACH NEMENYI
(2) = SIMULTANER VERGLEICH NACH SCHEFFE
(3) = SIMULTANER VERGLEICH NACH TUKEY

MAENNCHEN

		K/D1	K/D2	K/D3	D1/D2	D1/D3	D2/D3
(1)	KOERPERGEW.(F):	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
(2)	+94.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	+98.TAG	N.S.	N.S.	0.05	N.S.	0.05	N.S.
(2)	101.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.
(2)	106.TAG	N.S.	N.S.	N.S.	N.S.	0.05	N.S.

WEIBCHEN

		K/D1	K/D2	K/D3	D1/D2	D1/D3	D2/D3
(1)	KOERPERGEW.(F):	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(1)	+94.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	0.05
(3)	+98.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(3)	101.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(1)	105.TAG	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

HOECHST AG

STATI[illegible]AL SUMMARY HAEMATOLOGY
STUDY 0545 START OF STUDY:21.06.1976

PH
PR

3 MONTH TEST

HEAD OF STUDY:MAYER,DR.
SPECIES:HOE:WISKF(SPF 71)
SOLVENT:STARCH MUCILAGE

ANIMAL:RAT
BREEDER:HOECHST AG
ROUTE:STOMACH TUBE

C = CONTROL
D1 = TEST DRUG: 1ST DOSE LEVEL 40.0000 MG/KG
D2 = TEST DRUG: 2ND DOSE LEVEL 100.0000 MG/KG
D3 = TEST DRUG: 3RD DOSE LEVEL 250.0000 MG/KG

-7.DAY OF STUDY

N.S. = NOT SIGNIFICANT 0.05 = LEVEL OF SIGNI

(1) = SIMULTANEOUS COMPARISON ACCORDING TO NEMEN
(3) = SIMULTANEOUS COMPARISON ACCORDING TO TUKEY

MALE

		C/D1	C/D2	C/D3	D1/D2	D1/D3	D2/D3
(1)	LEUCOCYTES:	N.S.	N.S.	0.05	N.S.	N.S.	N.S.
(1)	THROMBOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(3)	HAEMOGLOBIN:	N.S.	N.S.	0.05	N.S.	N.S.	N.S.
(1)	ERYTHROCYTES:	N.S.	N.S.	0.05	N.S.	0.05	N.S.

FEMALE

		C/D1	C/D2	C/D3	D1/D2	D1/D3	D2/D3
(3)	LEUCOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(3)	THROMBOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(1)	HAEMOGLOBIN:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(3)	ERYTHROCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

HOECHST AG

STAT. .CAL SUMMARY HAEMATOLOGY

STUDY 0545 START OF STUDY:21.06.1976

3 MONTH TEST

HEAD OF STUDY:MAYER,DR.
SPECIES:HOE:WISKF(SPF 71)
SOLVENT:STARCH MUCILAGE

ANIMAL:RAT
BREEDER:HOECHST AG
ROUTE:STOMACH TUBE

C = CONTROL
D1 = TEST DRUG: 1ST DOSE LEVEL 40.0000 MG/KG
D2 = TEST DRUG: 2ND DOSE LEVEL 100.0000 MG/KG
D3 = TEST DRUG: 3RD DOSE LEVEL 250.0000 MG/KG

+85.DAY OF STUDY

N.S. = NOT SIGNIFICANT 0.05 = LEVEL OF SIGNI

(1) = SIMULTANEOUS COMPARISON ACCORDING TO NEMEN
(2) = SIMULTANEOUS COMPARISON ACCORDING TO SCHEF
(3) = SIMULTANEOUS COMPARISON ACCORDING TO TUKEY

MALE

		C/D1	C/D2	C/D3	D1/D2	D1/D3	D2/D3
(1)	LEUCOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(1)	THROMBOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(1)	HAEMOGLOBIN:	N.S.	N.S.	0.05	N.S.	N.S.	N.S.
(3)	ERYTHROCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

FEMALE

		C/D1	C/D2	C/D3	D1/D2	D1/D3	D2/D3
(1)	LEUCOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(2)	THROMBOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(2)	HAEMOGLOBIN:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
(2)	ERYTHROCYTES:	N.S.	0.05	N.S.	N.S.	N.S.	N.S.

HOECHST AG

STATI AL SUMMARY HAEMATOLOGY
STUDY 0545 START OF STUDY:21.06.1976

PHA
PRE

3 MONTH TEST

HEAD OF STUDY:MAYER,DR.
SPECIES:HOE:WISKF(SPF 71)
SOLVENT:STARCH MUCILAGE

ANIMAL:RAT
BREEDER:HOECHST AG
ROUTE:STOMACH TUBE

C = CONTROL
D1 = TEST DRUG: 1ST DOSE LEVEL 40.0000 MG/KG
D2 = TEST DRUG: 2ND DOSE LEVEL 100.0000 MG/KG
D3 = TEST DRUG: 3RD DOSE LEVEL 250.0000 MG/KG

107.DAY OF STUDY

N.S. = NOT SIGNIFICANT 0.05 = LEVEL OF SIGNIF

(2) = SIMULTANEOUS COMPARISON ACCORDING TO SCHEFF

MALE

	C/D1	C/D2	C/D3	D1/D2	D1/D3	D2/D3
2) LEUCOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2) THROMBOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2) HAEMOGLOBIN:	N.S.	0.05	N.S.	N.S.	N.S.	N.S.
2) ERYTHROCYTES:	N.S.	N.S.	0.05	N.S.	N.S.	N.S.

FEMALE

	C/D1	C/D2	C/D3	D1/D2	D1/D3	D2/D3
2) LEUCOCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2) THROMBOCYTES:	N.S.	N.S.	N.S.	0.05	0.05	N.S.
2) HAEMOGLOBIN:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
2) ERYTHROCYTES:	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: NA

H-TEST
======

PRUEFGROESSE T = 0.1098E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 1:	0.1967E 02	I
GRUPPE 2:	0.2840E 02	II
GRUPPE 4:	0.3247E 02	II
GRUPPE 3:	0.4014E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: K

H-TEST
======

PRUEFGROESSE T = 0.1048E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 4:	0.1977E 02	I
GRUPPE 2:	0.2697E 02	I
GRUPPE 3:	0.3643E 02	I
GRUPPE 1:	0.3727E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: ANORG. P.

H-TEST
======

PRUEFGROESSE T = 0.1076E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 4:	0.1797E 02	I
GRUPPE 2:	0.3173E 02	II
GRUPPE 1:	0.3330E 02	II
GRUPPE 3:	0.3750E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: HARNSAEURE

H-TEST
======

PRUEFGROESSE T = 0.1571E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 2:	0.2060E 02	I
GRUPPE 4:	0.2203E 02	II
GRUPPE 1:	0.3843E 02	I
GRUPPE 3:	0.3957E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: BILIRUBIN

H-TEST
======

PRUEFGROESSE T = 0.7677E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: KREATININ

H-TEST
======

PRUEFGROESSE T = 0.7564E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: GLUKOSE

H-TEST
======

PRUEFGROESSE T = 0.4081E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: BUN

H-TEST
======

PRUEFGROESSE T = 0.1904E 00 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: CA

H-TEST
======

PRUEFGROESSE T = 0.3967E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: C1

H-TEST
======

PRUEFGROESSE T = 0.2800E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: SGOT

H-TEST
======

PRUEFGROESSE T = 0.3742E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: SGPT

H-TEST
======

PRUEFGROESSE T = 0.3131E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: AP

H-TEST
======

PRUEFGROESSE T = 0.6930E 00 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: NA

H-TEST
======

PRUEFGROESSE T = 0.3959E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: K

H-TEST
======

PRUEFGROESSE T = 0.1712E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: ANORG. P.

H-TEST
======

PRUEFGROESSE T = 0.7101E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: HARNSAEURE

H-TEST
======

PRUEFGROESSE T = 0.3574E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: BILIRUBIN

H-TEST
======

PRUEFGROESSE T = 0.1284E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: KREATININ

H-TEST
======

PRUEFGROESSE T = 0.6875E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: GLUKOSE

H-TEST
======

PRUEFGROESSE T = 0.9600 E 01 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 3:	0.2263E 02	I
GRUPPE 2:	0.2393E 02	I
GRUPPE 1:	0.3303E 02	I
GRUPPE 4:	0.3977E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: BUN

H-TEST
======

PRUEFGROESSE T = 0.1012E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 1:	0.2103E 02	I
GRUPPE 2:	0.2503E 02	II
GRUPPE 4:	0.3385E 02	II
GRUPPE 3:	0.3867E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: CA

H-TEST
======

PRUEFGROESSE T = 0.9422E 01 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 3:	0.2250E 02	I
GRUPPE 4:	0.2519E 02	I
GRUPPE 2:	0.3090E 02	I
GRUPPE 1:	0.3883E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: C1

H-TEST
======

PRUEFGROESSE T = 0.1125E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: SGOT

H-TEST
======

PRUEFGROESSE T = 0.3213E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: SGPT

H-TEST
======

PRUEFGROESSE T = 0.7637E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: WEIBLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 14. WOCHE
PARAMETER: AP

H-TEST
======

PRUEFGROESSE T = 0.3494E 00 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: NA

H-TEST
======

PRUEFGROESSE T = 0.2972E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: K

H-TEST
======

PRUEFGROESSE T = 0.4949E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: ANORG. P.

H-TEST
======

PRUEFGROESSE T = 0.1703E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 4:	0.1056E 02	I
GRUPPE 1:	0.1540E 02	I
GRUPPE 3:	0.2135E 02	II
GRUPPE 2:	0.3094E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: HARNSAEURE

H-TEST
======

PRUEFGROESSE T = 0.1907E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 1:	0.7200E 01	I
GRUPPE 3:	0.2010E 02	II
GRUPPE 2:	0.2400E 02	I
GRUPPE 4:	0.2800E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: BILIRUBIN

H-TEST
======

PRUEFGROESSE T = 0.1665E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 2:	0.1039E 02	I
GRUPPE 3:	0.1515E 02	II
GRUPPE 1:	0.2325E 02	II
GRUPPE 4:	0.2928E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: KREATININ

H-TEST
======

PRUEFGROESSE T = 0.8197E 01 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 2:	0.1200E 02	I
GRUPPE 3:	0.1725E 02	I
GRUPPE 1:	0.2325E 02	I
GRUPPE 4:	0.2533E 02	I

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: GLUKOSE

H-TEST
======

PRUEFGROESSE T = 0.3689E 01 N.S.(P>0.05)

H-TEST
VERSUCHSNUMMER : 545 OCT.PIR.

TIERART : RATTE GESCHLECHT: MAENNLICH
DOSIERUNGEN:
KONTROLLE
40.00 MG/KG
100.00 MG/KG
250.00 MG/KG

ZEITPUNKT: 16. WOCHE
PARAMETER: BUN

H-TEST
======

PRUEFGROESSE T = 0.1010E 02 * (P<0.05)

SIMULTANER VERGLEICH ALLER GRUPPEN
==========
(NACH NEMENYI, 5%-NIVEAU)

	RANGMITTEL	VERGLEICH
GRUPPE 2:	0.1283E 02	I
GRUPPE 3:	0.1550E 02	II
GRUPPE 1:	0.2205E 02	II
GRUPPE 4:	0.2778E 02	I