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Pharma Research
Toxicology

REPORT

ON

ORAL RANGE-FINDING STUDY (30 DAYS)

OF OCTOPIROX IN SPF WISTAR RATS

REPORT No. 450/76

September 28, 1976

Vorsitzender des Aufsichtsrats: Karl Winnacker · Vorstand: Rolf Sammet, Vorsitzender; Kurt Lanz, stellv. Vorsitzender; Erhard Bouillon, Rudolf Frank, Enrique Hartung, Wolfgang Hilger, Willi Hoerkens, Josef Nowotny, Wolfgang von Pölnitz, Otto Ranft, Hans Reintges, Jürgen Schaafhausen, Hans Schlachter, Klaus Weissermel · Sitz der Gesellschaft: Frankfurt (M) · Handelsregister: Frankfurt (M) Abt. B Nr. 14500

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1. Summary:

A 30-day oral toxicity study was performed in rats with the test substance Octopirox. Groups of 10 male and 10 female rats received daily dosages of 4, 15, 55, 210 or 800 mg per kg body weight by stomach tube. A further group consisting of 10 males and 10 females served as control and received the suspension carrier starch mucilage (2 % in demineralized water) without active ingredient.

Behaviour, body weight and food consumption of the animals were assessed during the whole study. Hematological examinations and urinalyses were carried out before beginning of study and after the last treatment. Clinico-chemical values were determined at the end of the study.

All animals which died during the study or were killed at the end were dissected and examined macroscopically for organ changes; heart, lungs, liver, kidneys, spleen, and adrenals were weighed. These organs as well as pancreas were submitted to histological examination.

All rats survived up to the end of the study, except one male and one female in the highest dosage group. Substance-induced changes in behaviour were observed only in this group.

800 mg/kg induced markedly retarded body weight development and 210 mg/kg or more, increase in relative food consumption in the males. In the females, the increase in relative food consumption was only observed at 800 mg/kg.

The 30-day treatment with the highest dosage also caused marked hematological changes in both males and females. Erythrocyte, hemoglobin, and hematocrit values were markedly decreased and the reticulocyte count was markedly increased.

Clinico-chemical values and urinalyses indicated no substance-induced damage to the test animals.

The postmortal examinations showed that Octopirox in doses of 4, 15, 55, and 210 mg/kg had induced no morphologically recognizable organ lesions following oral treatment for 30 days. At 800 mg/kg, both animals which had died intercurrently and one of the surviving animals showed signs of partial damage to renal tubules.

2. Conclusion

Under the present test conditions, there were no signs of toxic effects up to 55 mg/kg in male rats and up to 210 mg/kg in females rats.

Findings deviating from normal were observed at 210 and 800 mg/kg in males and at 800 mg/kg in females.

3. Method

3.1 Animal species

The study was performed in 60 ♂ and 60 ♀ Wistar rats (strain: Hoe: WISKf SPF 71) from our own breeding. The mean initial body weight was 105.6 g (S = 5,o5 g) for the males and 100.7 g (S = 3.64 g) for the females.

3.2 Substance

Active ingredient: H 72 6146 A = Octopirox

Chemical designation: monoethanolamine salt of 1-hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2-pyridone

Molecular weight: 298.4

3.3 Groups - Dosages - Number of animals

Group	Dosage (mg/kg)	Number of animals
1	Control	10 ♂ 10 ♀
2	4	10 ♂ 10 ♀
3	15	10 ♂ 10 ♀
4	55	10 ♂ 10 ♀
5	210	10 ♂ 10 ♀
6	800	10 ♂ 10 ♀

3.4 Treatment

The animals received the test substances as a suspension in starch mucilage which was administered orally by stomach tube 7 times per week in a volume of 10 ml per kg body weight.
The control animals received starch mucilage without Octopirox in the same volume per kg body weight.

3.5 Maintenance and feeding

After an 8-day habituation period, ten rats each of the same dosage group and sex were placed in a plastic cage (type 3) and kept on wood shavings at room temperature.
The animals were fed with Altromin 1324 (Mnfr.: Altromin, Lage/Lippe; composition, see Appendix); tap water was available from plastic bottles. Food and water were given ad libitum.

3.6 Examinations

Behaviour and general condition of the animals were assessed daily. The body weights were recorded on test day 1, 3, 7, 10, 14, 17, 21, 24, 28, and 30. The food consumption was determined continuously.

The following hematological parameters were determined before the beginning and at the end of the study (blood samples from sublingual vein; method indicated by the figures in brackets, see list in Appendix)

Erythrocyte count	(1.2.1.)	Thrombocyte count	(1.7.)
Hematocrit	(1.3.2.)	Leukocyte count	(1.2.2
Hemoglobin	(1.1.)	Differential blood count	(1.6.1
Reticulocyte	(1.4.)	Methemoglobin	(2.23.

The following clinico-chemical parameters were determined in the serum of the rats only at the end of the study:

Bilirubin	(2.5.1.)	SGOT	(2.13.
Glucose	(2.7.1.)	SGPT	(2.14.
Urea-N	(2.8.2.)	A.P.	(2.15

Urinalyses were performed on the day before the first treatment and at the end of the study. The following parameters were recorded:

Appearance	(3.1.)	pH	(3.2.1.
Color	(3.1.)	Glucose	(3.3.)
Sediment	(3.8.)	Bilirubin	(3.5.)
Protein	(3.3.)	Hemoglobin	(3.3.)

3.7. Postmortal examinations

At the end of the study, the surviving animals were killed during pentobarbital sodium anestesia and examined for macroscopically visible organ changes. Heart, lungs, liver, kidneys, spleen, and adrenals were weighed and the relative organ weights were calculated.

The method of histological examination is described in the appended "Report on macroscopic and microscopic examination of rats after oral administration of Octopirox" by Dr. Deutschländer and Prof. Kief, dated May 21, 1976.

3.8 Statistics

The following parameters were evaluated statistically: body weight, erythrocyte count, hemtocrit, hemoglobin, reticulocyte count, thrombocyte count, leukocyte count, and relative organ weights.

The difference between these values in the treated animals and those in the control animals was evaluated statistically at the 5 percent significance level.

The t-test of Student was used, where

$$t = \frac{|\bar{x}_1 - \bar{x}_2|}{\sqrt{\frac{(n_1-1)\cdot s_1^2 + (n_2-1)\cdot s_2^2}{n_1+n_2-2} \cdot \left(\frac{1}{n_1} + \frac{1}{n_2}\right)}}$$

If equality of variances had been established by previous F-test, the number of degrees of freedom was calculated as follows:

$$f = n_1 + n_2 - 2$$

If not, the number of degrees of freedom was calculated by a modified method:

$$f_{(mod)} = \frac{\left(\frac{s_1^2}{n_1} + \frac{s_2^2}{n_2}\right)^2}{\frac{\left(\frac{s_1^2}{n_1}\right)^2}{n_1 + 1} + \frac{\left(\frac{s_2^2}{n_2}\right)^2}{n_2 + 1}} - 2$$

The calculations were performed with a Hewlett Packard Modell 10 Calculator (9810 A Calculator).

4. Results

Apart from the rats which received the highest dosage, the behaviour and the general condition of the treated animals were unremarkable as compared to those of the controls. At 800 mg/kg, one male died after the 28th and one female after the 2nd treatment. All rats in this group exhibited ruffled fur and decreased spontaneous motility from test week 2 onwards.

The examination of teeth, buccal mucous membranes, and eyes revealed no abnormal findings in any of the animals.

The body weights of the male rats which received 800 mg/kg were significantly decreased at the end of the study, as compared with those of the controls. Figure 1 shows that the decrease in body weight gain was pronouced from test day 21 onwards. The body weights of the remaining male animals and those of the females were in the same range than those of the controls.

The male rats which received 210 or 800 mg/kg exhibited slightly increased relative food intake at the end of th study, as compared with the controls. This effect was only observed at 800 mg/kg in the females.

The hematological examinations revealed a significant decrease in erythrocyte count, hemoglobin, and hematocrit as well as a significant increase (t-test) in reticulocyte and thrombocyte count in the males treated with 800 gm/kg.

In the females treated with 55 mg/kg, hemoglobin values, erythrocyte count, and hematocrit were significantly increased in comparisan to controls. Since the values for these parameters did not further increase at higher dosages, a biological relevance of these findings is improbable. The same applies to the significant increase of erythrocyte count in the females on 210 mg/kg, since the increase was less than at 55 mg/kg. However, 800 mg/kg caused marked decrease in erythrocyte count, hematocrit, and hemoglobin, as well as increased reticulocyte count. Thrombocyte and leukocyte counts were also markedly increased.

800 mg Octopirox per kg body weight thus induced changes in the hematological parameters examined in the male and female rats.

At lower dosages, there were no definite signs of hematological changes.

The clinico-chemical examinations gave following bilirubin values for the males:

Number of animals with bilirubin values (µmol/l) of

	1	2	3	4	5
Controls	I	IIIII	IIII		
4 mg/kg		IIIIIIII	II		
15 mg kg	II	IIIII	II		I
55 mg/kg		I	IIII	IIIII	
210 mg/kg		IIIII	IIII	I	
800 mg/kg		I	IIIIIII		I

Following values were obtained in the females:

Number of animals with bilirubin values (µmol/l) of

	1	2	3	4	5
Controls	III	IIIIII	I		
4 mg/kg	III	IIIIIII			
15 mg/kg		III	IIIIIII		
55 mg/kg		I	IIIIIIII	I	
210 mg/kg		III	IIIIIII		
800 mg/kg		III	IIIII		I

The above tables show that there were many values of 4 or 3 umol/l at 55 and 800 mg/kg in the males, and many values of 3 umol/l from 15 mg/kg upwards in the females. However, no marked dose-dependence was established either in males or in females. In addition, bilirubin values of up to 5 umol/l are still within the range of clinically unremarkable animals; these findings may thus most probably be considered substance-independent.

The serum glucose values showed no trend towards increase up to 210 mg/kg. However, a decrease could not be excluded at 800 mg/kg.

Signs of substance-related changes in serum urea-N values were not detected.

The serum activities of SGPT and AP did not correlate with the dosages and were within the distribution range of the animal strain used. Only the SGOT was increased in some animals of both control and dosage groups. However, SGOT acitivities in rats are known not to be very relevant due to their considerable correlation to the extent of hemolysis.

Damage to organs, which may be indicated by increased SGOT, SGPT, and AT acitvities, could therefore be excluded.

The urinalyses revealed positive reactions to protein in the males of both control and dosage groups. This is a frequent finding in male rats of such body weights, as confirmed by its occurence in the control group.

The microscopic examination of the urinyry sediment revealed only changes which are to be considered incidental as far as both nature and quantity are concerned.

In the organs which are not mentioned in the table below, there were no significant differences between the relative organ weights (g organ/100 g body weight) of control and treated animals. Significant differences were observed in the following organ weights (↑↓= significantly increased or decreased):

Dosage	Sex	Heart	Lungs	Kidneys	Adrenals
4	♂		↓		
	♀				
15	♂		↓		
	♀	↓	↓	↓	
55	♂				
	♀				
210	♂				
	♀				
800	♂	↑		↑	↑
	♀				

This table shows that, up to 210 mg/kg, substance-related influence on the relative organ weights is improbable since there is no dose-dependence.

The appended report by Prof. Kief and Dr. Deutschländer shows that Octopirox in dosages of 4, 15, 55, and 21o mg/kg induced no morphologically detectable organ changes. Partial damage to renal tubules was observed in three animals of the group treated with 800 mg/kg.

September 28, 1976 Pharmaceutical Research/Toxicology

of

HOECHST AG

Signed:

Dr. Mayer
Study Director

Dr. Weigand
Industrial Toxicology

Prof. Kramer
Head of Department

Hoechst

Hoechst Aktiengesellschaft
Pharma Research
Exp. Pathology

Appendix

REPORT

ON

THE MACROSCOPIC AND MICROSCOPIC EXAMINATION OF RATS

AFTER ORAL (30 DAY) ADMINISTRATION OF OCTOPIROX

May 21, 1976

Vorsitzender des Aufsichtsrats: Karl Winnacker · Vorstand: Rolf Sammet, Vorsitzender; Kurt Lanz, stellv. Vorsitzender; Erhard Bouillon, Rudolf Frank, Enrique Hartung, Wolfgang Hilger, Willi Hoerkens, Josef Nowotny, Wolfgang von Pölnitz, Otto Ranft, Hans Reintges, Jürgen Schaafhausen, Hans Schlechter, Klaus Weissermel · Sitz der Gesellschaft: Frankfurt (M) · Handelsregister: Frankfurt (M) Abt. B Nr. 14500

Report on the Macroscopic and Microscopic Examination of Rats After Oral Administration of Octopirox (30 day study)

The organs of 120 SPF Wistar rats of both sexes were examined. Five groups of 20 animals each (10 ♂ and 10 ♀) had received Octopirox orally for 30 days in daily dosages of 4, 15, 55, 210 or 800 mg per kg body weight; the test compound was administered by stomach tube as a suspension in starch mucilage. A further group of 10 ♂ and 10 ♀ rats had received 1 ml starch mucilage per 100 g body weight daily for the same period and served as control.

In the highest dosage group, one female died two days after beginning of study, and one male one day before end of study. The remaining animals were killed on the day after the last treatment and dissected.

The macroscopic examination revealed no substance-induced organ changes.

The microscopic examination did not show any substance-related organ damage in the animals treated with 4, 15, 55, or 210 mg/kg either. In the group treated with 800 mg/kg the kidneys of both rats which had died intercurrently exhibited moderate fine- to medium-drop fatty change of proximal tubule portions, the change being limited to individual cortical areas. A change of the same nature, but less pronounced, combined with a necrobiosis of individual epithelial tubule cells, was observed in a further animal of the same dosage group. Such a necrobiosis could not be definitely established in the animlas which died, due to beginning autolysis. The remaining organs did not exhibit any morphological findings indicating the cause of death.

Extramedullary hematopoiesis of variable extent was observed in the most animals of all dosage groups; it was most pronounced in same animals of the lowest dosage group and partly accompanied by erythropoietic centers in the liver.

Since these findings were dose-independent, they are considered as a reaction to the blood withdrawal performed before killing.

Further findings which were observed in some treated animals, but not in the controls, are described in the detailed part of this report; they are regarded as test-independent changes of spontaneous origin.

Summarizing, Octopirox in doses of 4, 15, 55, and 210 mg/kg proved to induce no morphologically recognizable damage to organs after oral administration for 30 days. At 800 mg/kg, two animals died intercurrently and exhibited - as well as a third animal of this group - signs of partial damage to renal tubules.

Dr.Deu/Prof.K

May 21, 1976 Signed:

Prof. Kief Dr. Deutschländer

Macroscopic and Microscopic Findings With Octopirox
(30 days per os in rats)

Microscopic examination was made of frozen sections of heart, kidneys, and adrenals stained with Fat Red 7 B after fixation in formaldehyde solution. Sections of heart, lungs, liver, spleen, kidneys, and pancreas were additionally examined after Carnoy fixation and embedding in Paraplast in a H & E, PAS and hemosiderin (Prussion blue) staining.

Beginning of study:	February 3/4, 1976
End of study:	March 3/4, 1976
Killing of animals:	March 4/5, 1976

Controls to Octopirox

Rats No. 10 - 14 and 20 - 24 (GT 147 - 156/76)	10 ♂
Rats No. 35 - 39 and 45 - 49 (GT 157 - 166/76	10 ♀

Macroscopic findings:
Hydronephrosis in No. 13. Otherwise N.A.D.

Microscopic findings:

Heart:	N.A.D.
Lungs:	N.A.D.
Liver:	Isolated Kupffer-cell proliferations in animals No. 11, 14, 35, 45, 46, 47, 48.
Spleen:	Slight to moderate erythropoiesis in all males and in part of the females.
Adrenals:	N.A.D.

Kidneys: Individual atrophic foci in the tubules, accompanied by mesenchymal reaction in the cortex in animals eo. 13 and 39. Otherwise N.A.D.

Pancreas: N.A.D.

Octopirox, 4 mg/kg

Rats No. 50 - 54 and 60 - 64 (GT 167 - 176/76	10 ♂
Rats No. 75 - 79 and 85 - 89 (GT 177 - 186/76)	10 ♀

Macroscopic findings:

Heart: N.A.D.

Lungs: N.A.D.

Liver: Isolated Kupffer-cell proliferations in animals No. 85 and 86. Small erythropoietic foci in No. 50.

Spleen: Very pronounced erythropoiesis in most of the males, particularly in Nos. 51 and 53; less marked in the females.

Adrenals: N.A.D.

Kidneys: Moderate dilation of renal pelves in animals No. 63 and 89. One lymphocytic infiltration in the cortex in rat No. 64.

Pancreas: Necrobiosis of a small group of exocrine cells in animal No. 88. Otherwise, N.A.D.

Octopirox, 15 mg//kg

Rats No. 90 - 94 and 100 - 104 (GT 187 - 196/76)	10 ♂
Rats No. 115 - 119 and 125 - 129 (GT 197 - 206/76)	10 ♀

Macroscopic findings:

Markedly enlarged spleen in animal No. 100. Otherwise N.A.D.

Microscopic findings:

Heart:	N.A.D.
Lungs:	N.A.D.
Liver:	Numerous Kupffer-cell proliferations in some areas in No. 101; isolated Kupffer-cell proliferations in animals No. 125 and 128. Small erythropoietic foci in animals No. 104 and 129.
Spleen:	Very marked erythropoiesis in animals No. 100, 104, 117, and 119, having induced spleen enlargement in No. 100. Slight to moderate erythropoiesis in the remaining rats.
Adrenals:	N.A.D.
Kidneys:	N.A.D.
Pancreas:	N.A.D.

Ocotopirox, 55 mg/kg

Rats No. 130 - 134 and 140 - 144 (GT 207 - 216/76)	10 ♂
Rats No. 155 - 159 and 165 - 169 (GT 217 - 226/76)	10 ♀

Macroscopic findings:

N.A.D.

Microscopic findings:

Heart:	N.A.D.
Lungs:	One chronic inflammatory focus with macrophagic reaction in No. 133. Otherwise, N.A.D.
Liver:	Isolated Kupffer-cell proliferation in animals No. 144 and 169. Small erythropoietic foci in animal No. 155.
Spleen:	Very pronounced erythropoiesis only in rat No. 155, weak or missing in the remaining rats.
Adrenals:	N.A.D.
Kidneys:	Numerous glycoprotein casts in the medulla in rat No. 144. Otherwise,N.A.D.
Pancreas:	N.A.D.

Octopirox,210 mg/kg

Rats No. 170 - 174 and 180 - 184 (GT 227 - 236/76)	10 ♂
Rats No. 195 - 199 and 205 - 209 (GT 237 - 246/76)	10 ♀

Macroscopic findings:

N.A.D.

Microscopic findings:

Heart:	One small lymphocytic infiltrate in the ventricular septum in rat No. 183; otherwise N.A.D.

Lungs:	N.A.D.
Liver:	Several or isolated Kupffer-cell proliferations in animals No. 181, 183, 184, and 207. Lymphocytic infiltration of individual periportal fields in rat No. 2o6.
Spleen:	Slight to moderate erythropoiesis in most of the males and some of the females .
Adrenals:	N.A.D.
Kidneys:	One area with atrophic and dilated tubules at the corticomedullary juntion in rat No. 181. Hydronephosis of one kidney in rat No. 183. Otherwise,N.A.D.
Pancreas:	N.A.D.

Octopirox, 800 mg/kg

Rats No. 210 - 214 and 220 - 224 (GT 247 - 256/76)	10 ♂
Rats No. 235 - 239 and 245 - 249 GT 257 - 266/76)	10 ♀

Intercurrent deaths: animal No. 222 on March 3, 1976 and animal No. 248 on February 6, 1976.

Macroscopic findings:

Distended gastrointestinal tract in animal No. 222 which died. Otherwise N.A.D.

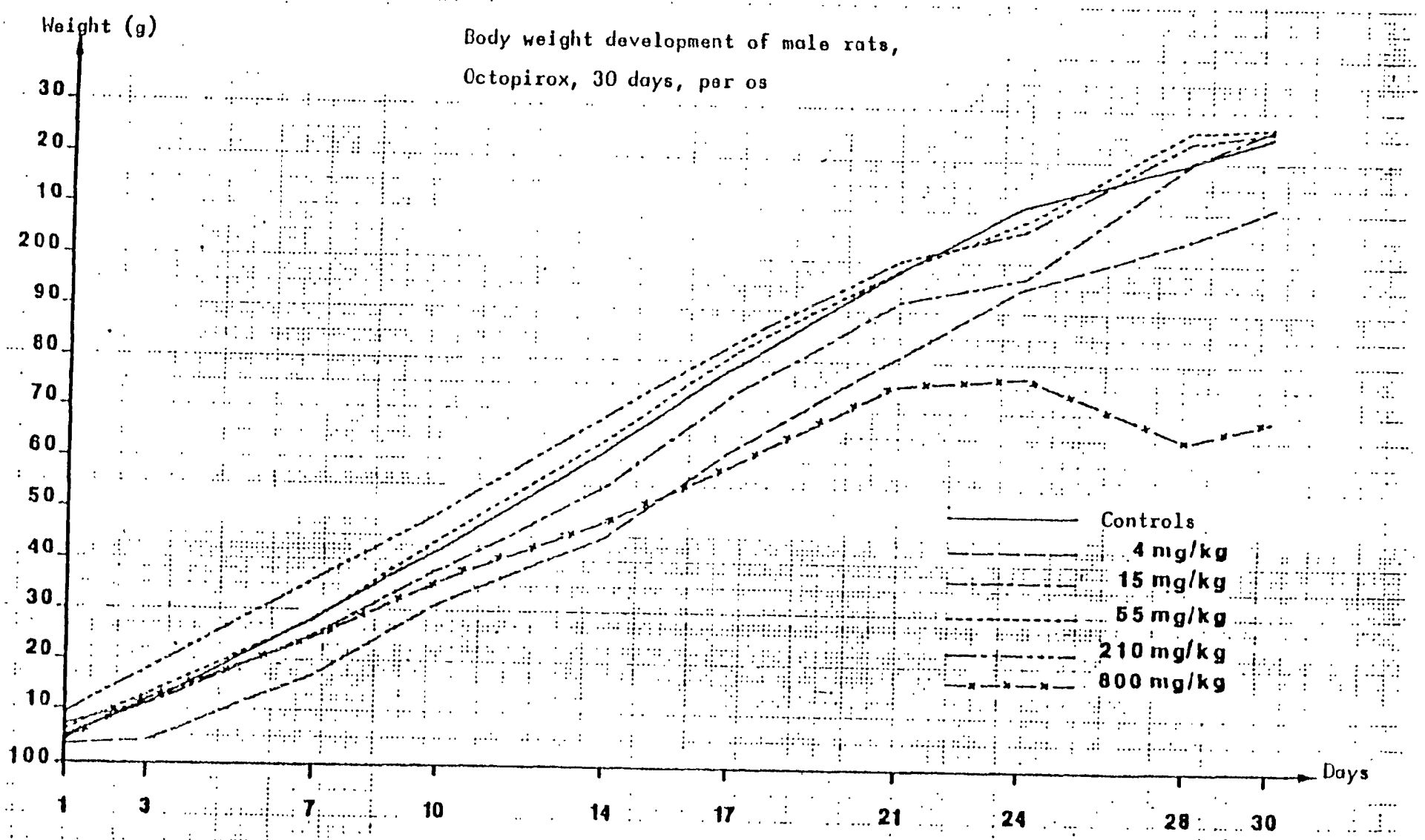
Microscopic findings:

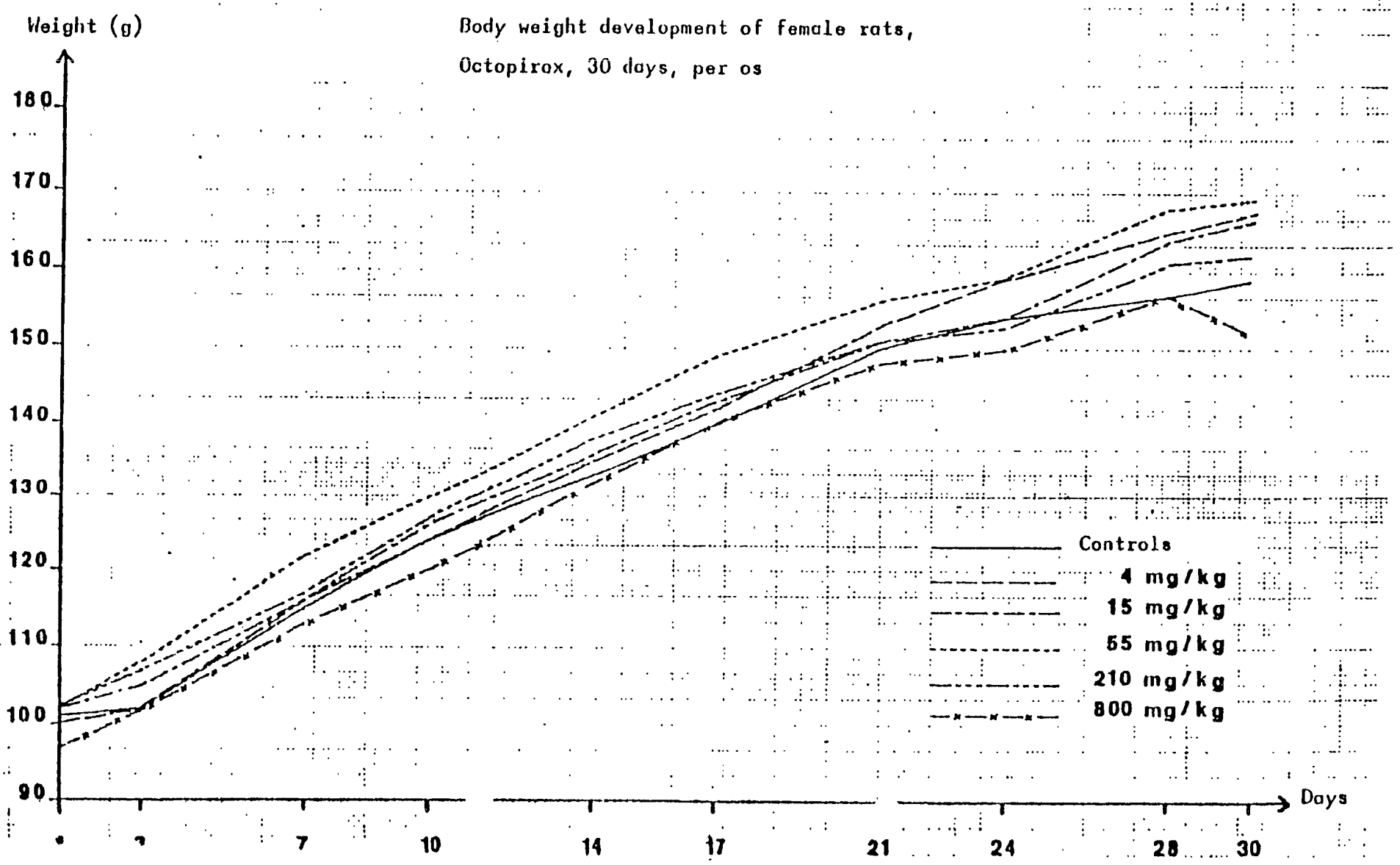
Heart:	N.A.D.
Lungs:	Individual chronic inflammatory foci in rat No. 211. Otherwise, N.A.D.

Liver:	Isolated Kupffer-cell proliferations in animals No. 211, 213, 221, 237, and 247. One periportal field infiltrated with round cells in No. 249. In addition some small erythropoietic foci in rat No. 213.
Spleen:	Slight erythropoiesis in part of the animals.
Adrenals:	N.A.D.
Kidneys:	In animals No. 222 and 248 which died, moderate focal fine- to medium-drop fatty change of proximal tubule epithelia; in addition, beginning autolysis. Also focal, but slight fatty change in the same tubule portion in animal No. 221, combined with necrobiosis of individual tubule epithelia. Some atrophic areas in the cortical part of the tubules in rat No. 249.
Pancreas:	Beginning autolysis in animals No. 222 and 248. Otherwise, N.A.D.

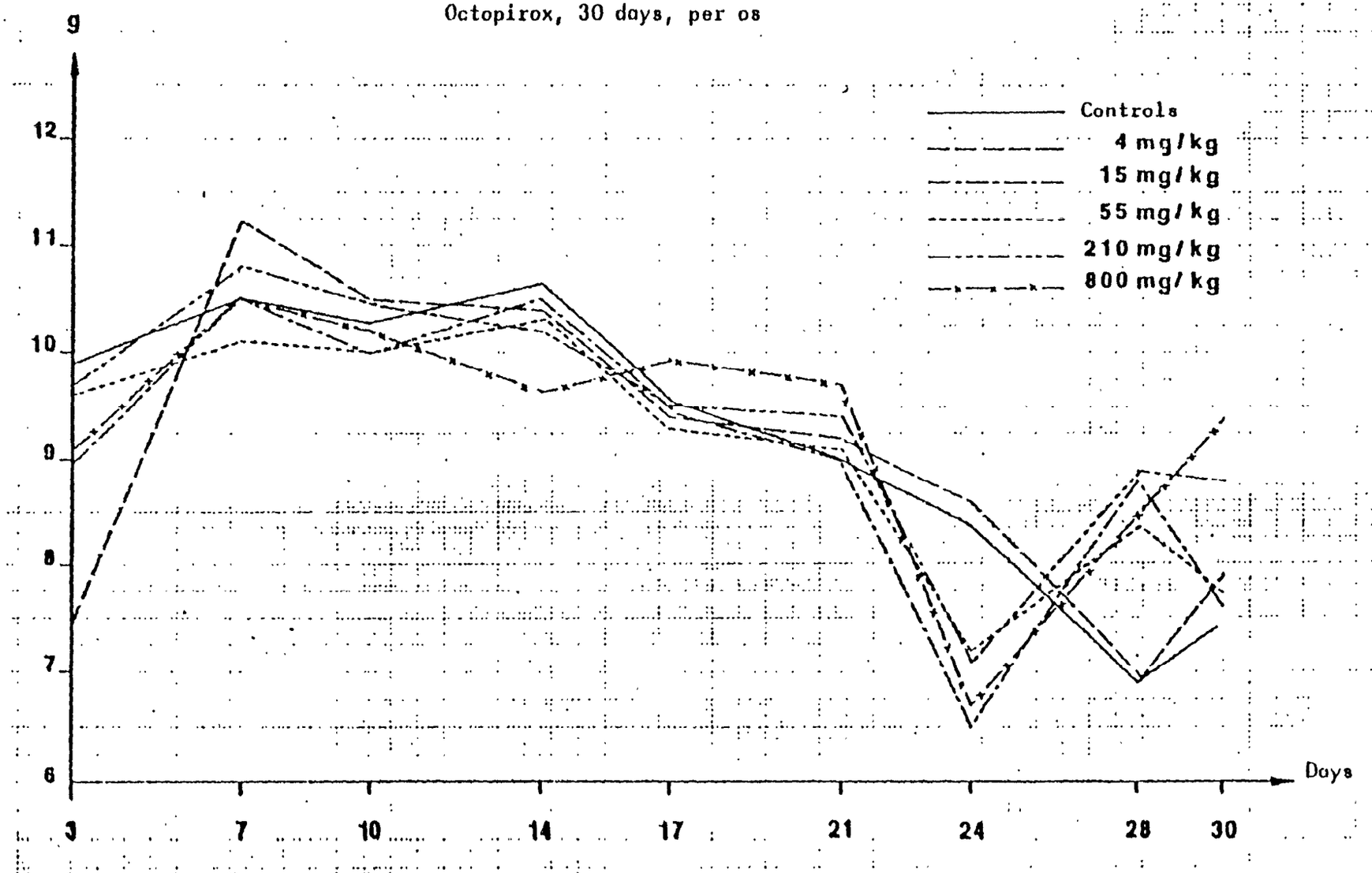
Dr. Deu

May 21, 1976

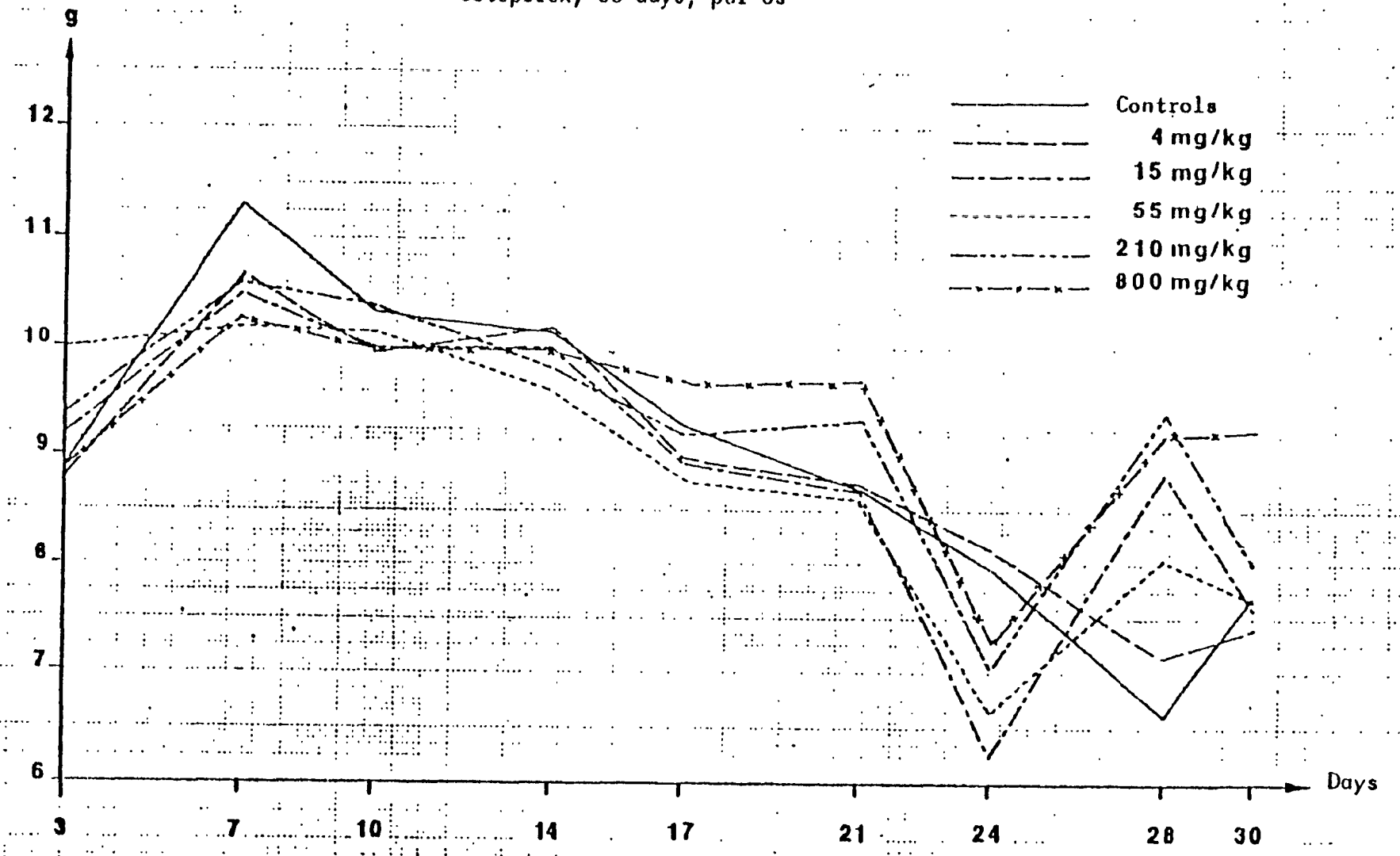

Weight (g)
Body weight development of male rats,
Octopirox, 30 days, per os
30
20
10
200
90
80
70
60
50
40
30
20
10
100
Controls
4 mg/kg
15 mg/kg
55 mg/kg
210 mg/kg
800 mg/kg
Days
1
3
7
10
14
17
21
24
28
30


Weight (g)
Body weight development of female rats,
Octopirox, 30 days, per os
180
170
160
150
140
130
120
110
100
90
Controls
4 mg/kg
15 mg/kg
55 mg/kg
210 mg/kg
800 mg/kg
Days
7
10
14
17
21
24
28
30

Food consumption (g/100 g body weight) of male rats,
Octopirox, 30 days, per os



Food consumption (g/100 g body weight) of female rats,
Octopirox, 30 days, per os



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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: MALE
START OF TEST THIS GROUP: 03.02.1976

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	105.2				
		S	6.5				
		N	10				
3	2	MEAN	110.8	5.6	5.6	10.80	9.946
		S	7.4	2.1	2.1		
		N	10	10	10	10	10
7	3	MEAN	128.0	22.8	17.2	12.55	10.520
		S	7.4	2.7	3.0		
		N	10	10	10	10	10
10	4	MEAN	142.4	37.2	14.4	13.90	10.279
		S	9.2	5.3	3.6		
		N	10	10	10	10	10
14	5	MEAN	162.2	57.0	19.8	16.20	10.657
		S	11.0	9.2	5.0		
		N	10	10	10	10	10
17	6	MEAN	178.2	73.0	16.0	16.27	9.586
		S	12.9	10.7	3.1		
		N	10	10	10	10	10
21	7	MEAN	198.2	93.0	20.0	16.85	8.991
		S	16.0	13.8	5.2		
		N	10	10	10	10	10
24	8	MEAN	210.8	105.6	12.6	17.00	8.349
		S	16.3	15.0	4.1		
		N	10	10	10	10	10
28	9	MEAN	220.4	115.2	9.6	14.80	6.901
		S	16.6	15.1	3.7		
		N	10	10	10	10	10
30	10	MEAN	223.6	118.4	3.2	16.40	7.416
		S	16.3	14.9	2.5		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						14.97	9.183

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: CONTROL SEX: FEMALE
START OF TEST THIS GROUP: 03.02.1976

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	100.6				
		S	3.7				
		N	10				
3	2	MEAN	102.2	1.6	1.6	9.00	8.887
		S	5.0	1.8	1.8		
		N	10	10	10	10	10
7	3	MEAN	115.2	14.6	13.0	12.25	11.295
		S	6.4	3.1	2.7		
		N	10	10	10	10	10
10	4	MEAN	123.6	23.0	8.4	12.33	10.361
		S	7.5	4.8	3.4		
		N	10	10	10	10	10
14	5	MEAN	132.7	32.1	9.1	12.95	10.135
		S	7.3	4.4	3.1		
		N	10	10	10	10	10
17	6	MEAN	139.6	39.0	6.9	12.60	9.281
		S	9.7	7.4	4.0		
		N	10	10	10	10	10
21	7	MEAN	149.6	49.0	10.0	12.55	8.715
		S	12.2	10.1	3.0		
		N	10	10	10	10	10
24	8	MEAN	153.8	53.2	4.2	12.00	7.952
		S	14.1	12.3	3.5		
		N	10	10	10	10	10
28	9	MEAN	157.2	56.6	3.4	10.25	6.628
		S	15.0	12.9	2.7		
		N	10	10	10	10	10
30	10	MEAN	159.0	58.4	1.8	12.10	7.709
		S	15.3	13.1	1.8		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						11.78	8.996

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 03.02.1976
DOSE: 4 MG/KG

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	103.0				
		S	5.3				
		N	10				
3	2	MEAN	104.2	1.2	1.2	7.80	7.544
		S	5.5	1.7	1.7		
		N	10	10	10	10	10
7	3	MEAN	117.4	14.4	13.2	12.35	11.185
		S	8.8	5.6	4.2		
		N	10	10	10	10	10
10	4	MEAN	131.0	28.0	13.6	13.00	10.520
		S	10.3	6.7	2.6		
		N	10	10	10	10	10
14	5	MEAN	145.4	42.4	14.4	14.25	10.374
		S	13.5	9.8	4.3		
		N	10	10	10	10	10
17	6	MEAN	162.0	59.0	16.6	14.33	9.386
		S	15.3	11.9	3.1		
		N	10	10	10	10	10
21	7	MEAN	181.0	78.0	19.0	15.60	9.164
		S	17.7	13.9	3.7		
		N	10	10	10	10	10
24	8	MEAN	194.6	91.6	13.6	16.07	8.625
		S	18.6	14.8	3.6		
		N	10	10	10	10	10
28	9	MEAN	205.4	102.4	10.8	13.90	7.004
		S	19.9	16.0	3.9		
		N	10	10	10	10	10
30	10	MEAN	210.6	107.6	5.2	16.40	7.955
		S	23.3	19.3	5.0		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						13.74	9.084

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 1ST DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 03.02.1976
DOSE: 4 MG/KG

TEST DAY	STUDY DAY		ANIMAL WEIGHT ABSOLUTE	IN G COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
1	1	MEAN	100.4				
		S	4.8				
		N	10				
3	2	MEAN	103.4	3.0	3.0	9.00	8.830
		S	4.8	3.3	3.3		
		N	10	10	10	10	10
7	3	MEAN	116.0	15.6	12.6	11.70	10.688
		S	4.8	3.4	2.8		
		N	10	10	10	10	10
10	4	MEAN	124.0	23.6	8.0	11.93	9.963
		S	6.2	5.1	2.8		
		N	10	10	10	10	10
14	5	MEAN	134.8	34.4	10.8	13.20	10.227
		S	7.7	5.6	2.3		
		N	10	10	10	10	10
17	6	MEAN	142.4	42.0	7.6	12.47	9.024
		S	9.5	8.0	4.0		
		N	10	10	10	10	10
21	7	MEAN	153.2	52.8	10.8	12.90	8.765
		S	10.8	9.6	2.1		
		N	10	10	10	10	10
24	8	MEAN	159.2	58.8	6.0	12.67	8.145
		S	10.8	9.3	3.0		
		N	10	10	10	10	10
28	9	MEAN	164.8	64.4	5.6	11.55	7.161
		S	10.7	9.7	3.2		
		N	10	10	10	10	10
30	10	MEAN	167.0	66.6	2.2	12.20	7.387
		S	11.7	10.0	3.3		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						11.96	8.910

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 03.02.1976
DOSE: 15 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	ANIMAL WEIGHT CCMP. TO INITIAL	IN G CCMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	FOOD CONSUMPTION % BODY WEIGHT PER DAY
1	1	MEAN	106.8				
		S	2.3				
		N	10				
3	2	MEAN	110.8	4.0	4.0	9.80	8.998
		S	4.7	4.0	4.0		
		N	10	10	10	10	10
7	3	MEAN	125.0	18.2	14.2	12.45	10.563
		S	8.0	7.6	3.8		
		N	10	10	10	10	10
10	4	MEAN	138.4	31.6	13.4	13.20	10.011
		S	11.6	11.1	4.8		
		N	10	10	10	10	10
14	5	MEAN	155.2	48.4	16.8	15.40	10.509
		S	13.1	12.5	3.0		
		N	10	10	10	10	10
17	6	MEAN	173.4	66.6	18.2	15.60	9.527
		S	14.8	14.0	3.0		
		N	10	10	10	10	10
21	7	MEAN	191.8	85.0	18.4	16.40	9.005
		S	15.6	15.1	2.6		
		N	10	10	10	10	10
24	8	MEAN	197.0	90.2	5.2	12.53	6.467
		S	14.9	14.5	3.2		
		N	10	10	10	10	10
28	9	MEAN	220.4	113.6	23.4	18.40	8.839
		S	16.0	15.5	2.7		
		N	10	10	10	10	10
30	10	MEAN	225.8	119.0	5.4	16.90	7.614
		S	14.6	14.2	3.9		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						14.52	9.059

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 2ND DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 03.02.1976
DOSE: 15 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
1	1	MEAN	101.8				
		S	3.5				
		N	10				
3	2	MEAN	104.6	2.8	2.8	9.50	9.217
		S	4.5	1.9	1.9		
		N	10	10	10	10	10
7	3	MEAN	115.8	14.0	11.2	11.55	10.492
		S	4.2	2.7	3.0		
		N	10	10	10	10	10
10	4	MEAN	126.2	24.4	10.4	12.07	9.985
		S	5.5	4.8	2.5		
		N	10	10	10	10	10
14	5	MEAN	136.2	34.4	10.0	13.10	10.005
		S	6.7	5.6	2.3		
		N	10	10	10	10	10
17	6	MEAN	143.0	41.2	6.8	12.47	8.944
		S	7.4	6.9	3.0		
		N	10	10	10	10	10
21	7	MEAN	151.4	49.6	8.4	12.80	8.719
		S	8.9	8.4	2.5		
		N	10	10	10	10	10
24	8	MEAN	153.8	52.0	2.4	9.53	6.271
		S	9.9	9.3	2.5		
		N	10	10	10	10	10
28	9	MEAN	163.8	62.0	10.0	14.05	8.868
		S	7.3	6.4	5.1		
		N	10	10	10	10	10
30	10	MEAN	166.2	64.4	2.4	12.50	7.589
		S	9.0	8.4	2.8		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						11.95	8.899

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

METHOD: HT C03 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 04.02.1976
DOSE: 55 MG/KG

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	105.8				
		S	5.1				
		N	10				
3	2	MEAN	112.6	6.8	6.8	10.50	9.645
		S	8.1	3.8	3.8		
		N	10	10	10	10	10
7	3	MEAN	128.0	22.2	15.4	12.05	10.072
		S	11.0	6.6	4.4		
		N	10	10	10	10	10
10	4	MEAN	144.4	38.6	16.4	14.60	10.783
		S	13.4	9.2	4.9		
		N	10	10	10	10	10
14	5	MEAN	164.2	58.4	19.8	15.80	10.313
		S	14.4	10.1	2.6		
		N	10	10	10	10	10
17	6	MEAN	181.0	75.2	16.8	16.00	9.331
		S	17.7	13.4	4.2		
		N	10	10	10	10	10
21	7	MEAN	198.4	92.6	17.4	17.15	9.109
		S	20.0	16.0	3.8		
		N	10	10	10	10	10
24	8	MEAN	208.2	102.4	9.8	14.60	7.228
		S	20.8	17.0	4.4		
		N	10	10	10	10	10
28	9	MEAN	225.8	120.0	17.6	18.00	8.339
		S	22.6	19.2	5.1		
		N	10	10	10	10	10
30	10	MEAN	226.8	121.0	1.0	17.40	7.725
		S	22.7	19.4	1.9		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						15.12	9.172

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 3RD DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 04.02.1976
DOSE: 55 MG/KG

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	102.0				
		S	2.3				
		N	10				
3	2	MEAN	107.6	5.6	5.6	10.50	10.019
		S	2.5	2.3	2.3		
		N	10	10	10	10	10
7	3	MEAN	121.8	19.8	14.2	11.70	10.205
		S	2.7	2.7	2.0		
		N	10	10	10	10	10
10	4	MEAN	129.8	27.8	8.0	12.73	10.126
		S	2.9	2.4	1.6		
		N	10	10	10	10	10
14	5	MEAN	141.2	39.2	11.4	13.05	9.637
		S	4.5	3.9	2.8		
		N	10	10	10	10	10
17	6	MEAN	149.2	47.2	8.0	12.80	8.821
		S	4.3	4.4	2.3		
		N	10	10	10	10	10
21	7	MEAN	156.4	54.4	7.2	13.10	8.584
		S	7.1	7.0	3.4		
		N	10	10	10	10	10
24	8	MEAN	159.2	57.2	2.8	10.47	6.641
		S	7.3	7.7	3.0		
		N	10	10	10	10	10
28	9	MEAN	167.6	65.6	8.4	13.10	8.033
		S	9.4	9.4	3.9		
		N	10	10	10	10	10
30	10	MEAN	169.0	67.0	1.4	12.90	7.687
		S	9.7	9.8	1.3		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						12.26	8.861

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 4TH DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 04.02.1976
DOSE: 210 MG/KG

TEST DAY	STUDY DAY		ANIMAL WEIGHT ABSOLUTE	IN G COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
1	1	MEAN	109.0				
		S	3.8				
		N	10				
3	2	MEAN	117.8	8.8	8.8	11.00	9.718
		S	7.1	4.3	4.3		
		N	10	10	10	10	10
7	3	MEAN	136.0	27.0	18.2	13.65	10.788
		S	7.1	4.7	3.7		
		N	10	10	10	10	10
10	4	MEAN	149.4	40.4	13.4	14.87	10.435
		S	9.8	7.7	4.2		
		N	10	10	10	10	10
14	5	MEAN	169.2	60.2	19.8	16.25	10.228
		S	9.9	8.1	3.0		
		N	10	10	10	10	10
17	6	MEAN	182.8	73.8	13.6	16.73	9.532
		S	11.4	9.5	2.5		
		N	10	10	10	10	10
21	7	MEAN	199.8	90.8	17.0	18.00	9.434
		S	14.6	13.4	4.2		
		N	10	10	10	10	10
24	8	MEAN	205.8	96.8	6.0	14.33	7.084
		S	16.9	16.1	6.0		
		N	10	10	10	10	10
28	9	MEAN	223.8	114.8	18.0	19.10	8.929
		S	20.2	19.5	4.7		
		N	10	10	10	10	10
30	10	MEAN	226.0	117.0	2.2	19.80	8.841
		S	19.8	19.1	3.0		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						15.97	9.443

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 4TH DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 04.02.1976
DOSE: 210 MG/KG

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	101.8				
		S	2.4				
		N	10				
3	2	MEAN	107.0	5.2	5.2	9.80	9.392
		S	3.2	1.7	1.7		
		N	10	10	10	10	10
7	3	MEAN	117.0	15.2	10.0	11.85	10.588
		S	3.9	2.3	3.0		
		N	10	10	10	10	10
10	4	MEAN	127.0	25.2	10.0	12.67	10.392
		S	4.3	3.2	3.0		
		N	10	10	10	10	10
14	5	MEAN	137.6	35.8	10.6	13.00	9.835
		S	4.8	3.9	3.3		
		N	10	10	10	10	10
17	6	MEAN	143.8	42.0	6.2	12.93	9.201
		S	4.3	3.3	1.8		
		N	10	10	10	10	10
21	7	MEAN	150.8	49.0	7.0	13.75	9.348
		S	7.1	6.2	3.7		
		N	10	10	10	10	10
24	8	MEAN	152.4	50.6	1.6	10.67	7.048
		S	6.5	5.8	2.6		
		N	10	10	10	10	10
28	9	MEAN	160.8	59.0	8.4	14.70	9.398
		S	7.0	6.7	3.1		
		N	10	10	10	10	10
30	10	MEAN	162.2	60.4	1.4	12.90	8.002
		S	6.2	5.6	1.9		
		N	10	10	10	10	10
MEAN FOR COMPLETE TEST						12.47	9.245

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 5TH DOSE LEVEL SEX: MALE
START OF TEST THIS GROUP: 04.02.1976
DOSE: 800 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	IN G COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
1	1	MEAN	104.0				
		S	5.2				
		N	10				
3	2	MEAN	111.8	7.8	7.8	9.80	9.098
		S	6.6	2.7	2.7		
		N	10	10	10	10	10
7	3	MEAN	125.0	21.0	13.2	12.35	10.457
		S	7.6	6.0	4.2		
		N	10	10	10	10	10
10	4	MEAN	136.0	32.0	11.0	13.27	10.207
		S	8.8	8.5	4.0		
		N	10	10	10	10	10
14	5	MEAN	148.0	44.0	12.0	13.65	9.649
		S	8.8	9.4	3.5		
		N	10	10	10	10	10
17	6	MEAN	159.4	55.4	11.4	15.27	9.966
		S	9.0	9.1	3.1		
		N	10	10	10	10	10
21	7	MEAN	175.0	71.0	15.6	16.15	9.696
		S	12.2	12.7	4.3		
		N	10	10	10	10	10
24	8	MEAN	177.2	73.2	2.2	11.73	6.694
		S	12.2	12.6	2.2		
		N	10	10	10	10	10
28	9	MEAN	164.8	60.8	-12.3	12.20	7.146
		S	21.2	22.4	24.7		
		N	10	10	10	10	10
+30	10	MEAN	168.9	65.1	0.2	15.78	9.389
		S	17.8	20.3	11.9		
		N	9	9	9	9	9
MEAN FOR COMPLETE TEST						13.36	9.145

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

METHOD: HT 003 TEST: 0541 START OF TEST: 03.02.1976 PREPN. NO.: OCTOPIROX E002
ANIMAL: RAT ROUTE: STOMACH TUBE
GROUP: TEST DRUG: 5TH DOSE LEVEL SEX: FEMALE
START OF TEST THIS GROUP: 04.02.1976
DOSE: 800 MG/KG

TEST DAY	STUDY		ANIMAL WEIGHT ABSOLUTE	IN G COMP. TO INITIAL	IN G COMP. TO PREVIOUS	FOOD CONSUMPTION G / DAY	% BODY WEIGHT PER DAY
1	1	MEAN	97.4				
		S	3.3				
		N	10				
3	2	MEAN	102.2	5.3	5.3	8.78	8.824
		S	2.9	1.7	1.7		
		N	9	9	9	9	9
7	3	MEAN	113.3	16.4	11.1	11.06	10.270
		S	4.8	3.0	3.3		
		N	9	9	9	9	9
10	4	MEAN	120.2	23.3	6.9	11.63	9.972
		S	4.9	3.3	2.7		
		N	9	9	9	9	9
14	5	MEAN	132.4	35.6	12.2	12.72	10.080
		S	4.6	4.0	2.9		
		N	9	9	9	9	9
17	6	MEAN	140.0	43.1	7.6	13.19	9.686
		S	3.9	3.8	2.2		
		N	9	9	9	9	9
21	7	MEAN	148.2	51.3	8.2	13.94	9.683
		S	5.3	5.3	2.7		
		N	9	9	9	9	9
24	8	MEAN	150.2	53.3	2.0	10.74	7.208
		S	5.5	5.0	1.7		
		N	9	9	9	9	9
28	9	MEAN	156.7	59.8	6.4	14.11	9.206
		S	6.1	7.0	5.9		
		N	9	9	9	9	9
30	10	MEAN	152.0	55.1	-4.6	14.22	9.225
		S	5.1	6.6	4.1		
		N	9	9	9	9	9
MEAN FOR COMPLETE TEST						12.27	9.350

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGI

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX MALE
START OF STUDY THIS GROUP 03.02.1976

	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	13.40	6.456	39.2			7.59								0.00		
S	1.24	0.686	2.5			2.77								0.00		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	8.00	0.50	0.00	91.00	0.00			
MAX							0.00	0.00	14.00	2.00	0.00	96.00	0.00			
MIN							0.00	0.00	4.00	0.00	0.00	85.00	0.00			
FINAL VALUE																
MEAN	14.67	8.199	45.8	23.8	843.9	8.99								0.00		
S	1.24	0.377	2.9	5.4	84.6	2.68								0.00		
N	10	10	10	9	10	10	10	10	10	10	10	10	6	6		
MED							0.00	0.00	9.50	1.00	0.00	89.50	0.00			
MAX							0.00	0.00	19.00	2.00	0.00	96.00	0.00			
MIN							0.00	0.00	3.00	0.00	0.00	80.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 303 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX F002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX MALE
START OF STUDY THIS GROUP 03.02.1976

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.614	2.088	34.1529
S	0.045	0.167	1.7144
N	10	10	10
FINAL VALUE			
MEAN	0.563	1.794	32.0536
S	0.033	0.148	2.1646
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 133 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX FEMALE
START OF STUDY THIS GROUP 03.02.1976

	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	13.95	6.888	41.3			7.33								0.10		
S	0.54	0.401	1.6			2.04								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	10.00	0.00	0.00	88.00	0.00			
MAX							0.00	0.00	16.00	15.00	0.00	97.00	0.00			
MIN							0.00	0.00	0.00	0.00	0.00	83.00	0.00			
FINAL VALUE																
MEAN	15.13	8.274	45.4	16.4	834.3	8.83								0.10		
S	0.68	0.439	2.5	8.0	142.4	2.64								0.32		
N	10	10	10	9	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	6.50	0.00	0.00	93.00	0.00			
MAX							0.00	0.00	13.00	1.00	0.00	96.00	0.00			
MIN							0.00	0.00	3.00	0.00	0.00	87.00	0.00			

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX FCC2
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX FEMALE
START OF STUDY THIS GROUP 03.02.1976

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.605	2.033	33.7933
S	0.031	0.095	0.9644
N	10	10	10
FINAL VALUE			
MEAN	0.553	1.835	33.3362
S	0.025	0.077	0.9685
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGI

METHOD HT 008 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX F002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 1ST DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 4 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	13.20	6.640	40.6			7.73								0.00		
S	0.63	0.240	2.0			1.04								0.00		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	9.50	0.00	0.00	90.50	0.00			
MAX							0.00	0.00	18.00	1.00	1.00	96.00	0.00			
MIN							0.00	0.00	4.00	0.00	0.00	81.00	0.00			
FINAL VALUE																
MEAN	15.29	8.241	45.0	26.6	882.5	9.53								0.00		
S	1.34	0.756	4.3	9.8	115.9	1.64								0.00		
N	10	10	10	7	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	9.00	1.00	0.00	90.00	0.00			
MAX							0.00	1.00	24.00	3.00	0.00	95.00	0.00			
MIN							0.00	0.00	4.00	0.00	0.00	73.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX 1002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 1ST DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 4 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.615	1.992	32.5275
S	0.019	0.057	0.8492
N	10	10	10
FINAL VALUE			
MEAN	0.551	1.862	34.0228
S	0.033	0.086	1.1228
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGI

METHOD HT 223 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX ECC2
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 1ST DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 03.12.1976
DOSE 4 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	13.51	6.346	42.3			7.40								0.10		
S	1.11	0.441	3.4			1.83								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	11.00	0.00	0.00	88.50	0.00			
MAX							0.00	1.00	18.00	1.00	0.00	91.00	0.00			
MIN							0.00	0.00	8.00	0.00	0.00	82.00	0.00			
FINAL VALUE																
MEAN	15.90	8.651	51.1	36.0	827.9	8.00								0.00		
S	1.13	0.644	10.7	28.3	91.5	3.50								0.00		
N	10	10	10	4	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	7.50	0.00	0.00	91.00	0.00			
MAX							0.00	0.00	22.00	3.00	0.00	97.00	0.00			
MIN							0.00	0.00	3.00	0.00	0.00	77.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX F002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 1ST DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 4 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.639	2.133	33.5498
S	0.038	0.111	1.0698
N	10	10	10
FINAL VALUE			
MEAN	0.593	1.845	31.9271
S	0.106	0.105	4.4617
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 2ND DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 15 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	12.96	6.421	39.6			7.58								0.10		
S	0.57	0.557	2.2			2.92								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	10.00	0.00	0.00	89.50	0.00			
MAX							0.00	0.00	28.00	1.00	0.00	97.00	0.00			
MIN							0.00	0.00	2.00	0.00	0.00	72.00	0.00			
FINAL VALUE																
MEAN	15.15	8.544	46.0	26.0	799.0	9.93								0.00		
S	1.19	0.488	4.3	8.7	138.0	2.18								0.00		
N	10	10	10	6	9	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	9.50	0.50	0.00	90.00	0.00			
MAX							0.00	1.00	15.00	1.00	1.00	95.00	1.00			
MIN							0.00	0.00	5.00	0.00	0.00	84.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 203 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX EOC2
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 2ND DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 15 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.624	2.031	32.7832
S	0.053	0.126	1.5393
N	10	10	10
FINAL VALUE			
MEAN	0.542	1.776	32.9942
S	0.027	0.077	1.3173
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 203 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 2ND DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 15 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	13.64	6.652	40.7			6.96								0.10		
S	0.53	0.346	2.1			1.08								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	10.00	0.00	0.00	90.00	0.00			
MAX							0.00	1.00	23.00	1.00	1.00	97.00	1.00			
MIN							0.00	0.00	2.00	0.00	0.00	75.00	0.00			
FINAL VALUE																
MEAN	15.69	8.312	44.9	20.3	882.3	9.79								0.00		
S	0.63	0.398	2.2	5.6	55.5	2.07								0.00		
N	10	10	10	7	10	10	7	7	7	7	7	7	7	7		
MED							0.00	0.00	8.00	1.00	0.00	92.00	0.00			
MAX							0.00	0.00	15.00	2.00	0.00	94.00	0.00			
MIN							0.00	0.00	6.00	0.00	0.00	85.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 223 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E602
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 2ND DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 03.02.1976
DOSE 15 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.617	2.060	33.5601
S	0.033	0.146	1.4065
N	10	10	10
FINAL VALUE			
MEAN	0.544	1.894	34.9950
S	0.015	0.093	1.5314
N	10	10	10

HOECHST AG SUMMARY TABLE AEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX FOO2
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 3RD DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 55 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	13.29	7.149	41.5			8.21								0.10		
S	0.78	0.776	2.5			1.73								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	9.50	0.00	0.00	90.00	0.00			
MAX							0.00	0.00	27.00	1.00	1.00	95.00	1.00			
MIN							0.00	0.00	5.00	0.00	0.00	72.00	0.00			
FINAL VALUE																
MEAN	15.22	8.545	47.0	21.0	836.8	11.14								0.10		
S	0.95	0.468	3.5	8.0	56.7	2.65								0.32		
N	10	10	10	8	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	7.50	0.50	0.00	91.00	0.00			
MAX							0.00	0.00	24.00	2.00	1.00	96.00	0.00			
MIN							0.00	0.00	3.00	0.00	0.00	76.00	0.00			

HOECHST AG SUMMARY TABLE AEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD H1 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX F002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 3RD DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 55 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.589	1.878	32.0462
S	0.056	0.194	1.1108
N	10	10	10
FINAL VALUE			
MEAN	0.554	1.786	32.4202
S	0.025	0.083	0.7607
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 203 STUDY 0541 START OF STUDY 23.02.1976 PREPN. NO. OCTOPIROX 5002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 3RD DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 55 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	13.15	5.899	41.6			7.05								0.20		
S	0.99	0.402	2.8			2.69								0.42		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	8.00	0.00	0.00	91.00	0.00			
MAX							0.00	1.00	18.00	1.00	2.00	98.00	0.00			
MIN							0.00	0.00	2.00	0.00	0.00	81.00	0.00			
FINAL VALUE																
MEAN	15.70	9.078	48.6	17.0	822.6	9.57								0.00		
S	0.49	0.275	1.7	4.9	172.1	1.28								0.00		
N	10	10	10	10	9	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	7.00	0.00	0.00	92.00	0.00			
MAX							0.00	1.00	9.00	2.00	0.00	96.00	0.00			
MIN							0.00	0.00	4.00	0.00	0.00	89.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD 41 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX [illegible]
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 3RD DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 55 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.607	1.959	31.6010
S	0.027	0.074	0.7478
N	10	10	10
FINAL VALUE			
MEAN	0.540	1.734	32.3187
S	0.025	0.066	0.6412
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 023 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 4TH DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 210 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	13.07	6.609	40.3			6.34								0.30		
S	1.23	0.507	3.6			1.87								0.67		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	8.50	0.00	0.00	91.00	0.00			
MAX							0.00	1.00	23.00	1.00	0.00	95.00	1.00			
MIN							0.00	0.00	5.00	0.00	0.00	72.00	0.00			
FINAL VALUE																
MEAN	13.69	8.619	43.8	25.3	818.1	11.98								0.00		
S	1.08	0.558	3.8	8.8	144.3	3.66								0.00		
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	6.50	1.00	0.00	92.00	0.00			
MAX							0.00	0.00	12.00	3.00	0.00	96.00	1.00			
MIN							0.00	0.00	3.00	0.00	0.00	86.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 033 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPINOX FCC2
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 4TH DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 217 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.614	1.980	32.4246
S	0.022	0.071	0.7716
N	10	10	10
FINAL VALUE			
MEAN	0.512	1.593	31.2820
S	0.025	0.096	0.7648
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 4TH DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 210 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	13.25	6.782	41.1			8.12								0.10		
S	0.82	0.374	2.6			2.58								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	6.50	0.00	0.00	93.00	0.00			
MAX							0.00	1.00	28.00	2.00	0.00	98.00	1.00			
MIN							0.00	0.00	2.00	0.00	0.00	71.00	0.00			
FINAL VALUE																
MEAN	15.38	8.955	47.1	21.6	946.2	9.17								0.00		
S	0.79	0.489	2.7	5.3	92.1	2.29								0.00		
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	6.50	1.00	0.00	92.50	0.00			
MAX							0.00	0.00	15.00	2.00	0.00	97.00	0.00			
MIN							0.00	0.00	2.00	0.00	0.00	85.00	0.00			

HOECHST AG SUMMARY TABLE AEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX EC02
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 5TH DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 800 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	13.01	6.641	40.6			7.37								0.10		
S	0.47	0.326	1.6			2.25								0.32		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	6.50	0.00	0.00	93.00	0.00			
MAX							0.00	0.00	18.00	1.00	1.00	95.00	0.00			
MIN							0.00	0.00	4.00	0.00	0.00	81.00	0.00			
FINAL VALUE																
MEAN	9.26	6.241	28.1	90.9	951.8	11.69								0.20		
S	2.00	1.400	6.5	25.6	334.1	4.13								0.42		
N	10	10	10	7	10	10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	15.00	0.00	0.00	84.00	0.00			
MAX							0.00	1.00	31.00	0.00	1.00	93.00	0.00			
MIN							0.00	0.00	7.00	0.00	0.00	69.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 023 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX F[illegible]
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 4TH DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 210 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.610	1.959	32.2590
S	0.025	0.089	0.9525
N	10	10	10
FINAL VALUE			
MEAN	0.530	1.723	32.6746
S	0.015	0.063	[illegible].7459
N	10	10	10

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX F002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 5TH DOSE LEVEL SEX MALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 800 MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.616	1.966	32.0630
S	0.027	0.090	0.7908
N	10	10	10
FINAL VALUE			
MEAN	0.454	1.496	33.1505
S	0.025	0.119	1.8328
N	10	10	10

HOECHST AG SUMMARY TABLE HAEMATOLOGY PHARMA FORSCHUNG TOXIKOLOGIE

METHOD H1 203 STUDY 0541 START OF STUDY 03.02.1976 PREPN. NO. OCTOPIROX E902
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG 5TH DOSE LEVEL SEX FEMALE
START OF STUDY THIS GROUP 04.02.1976
DOSE 800 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	13.50	6.933	41.2			8.76								0.00		
S	0.77	0.371	1.9			2.67								0.00		
N	10	10	10			10	10	10	10	10	10	10	10	10		
MED							0.00	0.00	9.50	1.00	0.00	90.00	0.00			
MAX							0.00	0.00	24.00	1.00	1.00	95.00	1.00			
MIN							0.00	0.00	4.00	0.00	0.00	75.00	0.00			
FINAL VALUE																
MEAN	10.60	6.613	32.0	76.8	1038.9	11.64								0.00		
S	1.09	0.752	3.7	30.7	156.7	2.77								0.00		
N	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
MED							0.00	0.00	13.00	1.00	0.00	85.50	0.00			
MAX							0.00	0.00	23.00	3.00	1.00	94.00	0.00			
MIN							0.00	0.00	5.00	0.00	0.00	76.00	0.00			

HOECHST AG SUMMARY TABLE HAEMATOLOGY

U30

PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 033 STUDY 0541

START OF STUDY 03.02.1976

PREPN. NO. OCTOPIROX F012

ANIMAL RAT

ROUTE STOMACH TUBE

GROUP TEST DRUG 5TH DOSE LEVEL

SEX FEMALE

START OF STUDY THIS GROUP 04.02.1976

DOSE 8[illegible] MG/KG

	MCV	MCH	MCHC
INITIAL VALUE			
MEAN	0.602	1.961	32.7718
S	0.029	0.076	1.0496
N	1[illegible]	10	1[illegible]
FINAL VALUE			
MEAN	0.438	1.611	33.1881
S	0.025	0.091	1.3195
N	8	8	8

ENDWERTE

PROGRAMM 010501 V07 LISTE 12 KLIN. CHEMIE MIT RATTEN 10.04.76 SEITE 13

UEBERSICHTSLISTE OCTO PIRO X RATTEN MAENNLICH 5 WOCHEN

DOSIS	NA	K	ANORG. PHOSPH	HARN-SAEURE	BILI-RUBIN	KREAT.	GLUKOSE	HARNST-N	CA	CL	SGOT	SGPT	RES 1	RES 2	
0					2.30		9.86	6.72			72.60	17.60	97.20		KONTROLLE
					0.67		0.67	0.46			16.90	2.67	16.38		
	0	0	0	C	10	0	10	10	0	0	10	10	1C	0	
4					2.20		10.02	5.82			67.50	15.60	56.30		OCTO PIRO X
					0.42		1.89	0.50			17.37	1.65	18.56		
	0	0	0	C	10	0	10	10	0	0	10	10	10	0	
15					2.30		9.15	5.66			94.10	18.60	10C.50		OCTO PIRO X
					1.16		0.49	0.47			77.10	4.67	20.14		
	0	0	0	C	10	0	10	10	0	0	10	10	1C	0	
55					3.40		8.68	5.97			68.80	15.10	1C5.40		OCTO PIRO X
					0.70		0.43	1.23			15.16	2.51	23.30		
	0	0	0	C	10	0	10	10	0	0	10	10	10	0	
210					2.60		9.95	6.57			53.50	13.90	57.90		OCTO PIRO X
					0.70		0.66	1.19			8.45	1.37	17.37		
	0	0	0	C	10	0	10	10	0	0	10	10	1C	0	
800					3.11		8.13	7.20			58.22	13.44	67.33		OCTO PIRO X
					0.78		1.14	1.14			11.19	2.30	22.46		
	0	0	0	C	9	0	9	9	0	0	9	9	9	0	

ENDWERTE

PROGRAMM DD501 V07 LISTE 12 KLIN. CHEMIE MIT RATTEN 10.04.76 SEITE 14

UEBERSICHTSLISTE OCTO PIRO X RATTEN WEIBLICH 5 WOCHEN

DOSIS	NA	K	ANORG. PHOSPH	HARN-SAEURE	BILI-RUBIN	KREAT.	GLUKOSE	HARNST-N	CA	CL	SGOT	SGPT	RES 1	RES 2	
0					1.80		8.93	7.16			106.20	16.10	63.00		KONTROLLE
					0.63		1.09	1.50			53.57	2.85	14.67		
	0	0	0	0	10	0	10	10	0	0	10	10	10	0	
4					1.70		7.74	5.88			75.20	14.50	63.40		OCTO PIRO X
					0.48		0.66	0.75			20.32	1.18	10.22		
	0	0	0	0	10	0	10	10	0	0	10	10	10	0	
15					2.70		8.11	5.50			69.20	13.50	67.10		OCTO PIRO X
					0.48		0.30	0.71			10.30	1.65	12.22		
	0	0	0	0	10	0	10	10	0	0	10	10	10	0	
55					3.00		8.47	6.90			69.60	12.10	66.20		OCTO PIRO X
					0.47		0.54	0.78			11.44	1.52	24.73		
	0	0	0	0	10	0	10	10	0	0	10	10	10	0	
210					2.70		8.06	5.90			61.30	13.00	54.90		OCTO PIRO X
					0.48		0.69	0.85			10.87	1.05	13.14		
	0	0	0	0	10	0	10	10	0	0	10	10	10	0	
800					2.89		6.85	6.46			59.78	13.22	59.22		OCTO PIRO X
					0.93		0.41	1.12			7.56	1.56	7.21		
	0	0	0	0	9	0	9	9	0	0	9	9	9	0	

HOECHST AG SUMMARY TABL ORGAN WEIGHTS IN G PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
DRUG FREE DAYS BEF. KILLING 01

M 1 = CONTROL			MALE
W 1 = CONTROL			FEMALE
M 2 =	4	MG/KG	MALE
W 2 =	4	MG/KG	FEMALE
M 3 =	15	MG/KG	MALE
W 3 =	15	MG/KG	FEMALE
M 4 =	55	MG/KG	MALE
W 4 =	55	MG/KG	FEMALE
M 5 =	210	MG/KG	MALE
W 5 =	210	MG/KG	FEMALE
M 6 =	800	MG/KG	MALE
W 6 =	800	MG/KG	FEMALE

		N	BODY WEIGHT	HEART	LUNGS	LIVER	KIDNEYS	SPLEEN	TESTES/ OVARIES	ADRENAL	THYROID	BRAIN	PITU-ITARY	SEMINAL VESICLE
M 1	MEAN	10	230.2	0.83	1.51	9.73	1.556	0.609		0.042				
	S		17.1	0.07	0.25	0.83	0.147	0.067		0.008				
W 1	MEAN	10	160.4	0.66	1.12	6.80	1.185	0.446		0.050				
	S		15.0	0.13	0.16	1.28	0.150	0.132		0.010				
M 2	MEAN	10	215.8	0.79	1.21	8.86	1.481	0.595		0.046				
	S		23.9	0.07	0.18	1.14	0.150	0.171		0.011				
W 2	MEAN	10	168.6	0.60	1.09	6.97	1.193	0.465		0.054				
	S		11.7	0.08	0.22	0.74	0.113	0.080		0.010				
M 3	MEAN	10	228.4	0.80	1.28	9.16	1.596	0.658		0.043				
	S		13.8	0.09	0.12	0.96	0.135	0.211		0.009				
W 3	MEAN	10	167.4	0.58	0.99	6.67	1.140	0.439		0.047				
	S		8.5	0.05	0.10	0.71	0.105	0.074		0.009				
M 4	MEAN	10	232.6	0.82	1.36	9.66	1.619	0.566		0.045				
	S		22.6	0.13	0.14	1.23	0.163	0.061		0.008				
W 4	MEAN	10	170.6	0.65	1.18	6.91	1.196	0.440		0.057				
	S		11.0	0.06	0.16	0.76	0.052	0.069		0.008				
M 5	MEAN	10	235.8	0.86	1.43	9.52	1.674	0.660		0.049				
	S		21.3	0.14	0.23	1.15	0.178	0.088		0.005				
W 5	MEAN	10	164.2	0.62	1.15	6.49	1.216	0.498		0.054				
	S		7.0	0.11	0.35	0.64	0.120	0.123		0.011				
M 6	MEAN	9	178.9	0.74	1.30	8.23	1.369	0.542		0.059				
	S		21.1	0.07	0.14	1.32	0.176	0.154		0.015				
W 6	MEAN	9	158.4	0.59	1.27	6.73	1.118	0.461		0.056				
	S		7.7	0.05	0.27	0.66	0.091	0.073		0.010				

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

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
DRUG FREE DAYS BEF. KILLING 01

M 1 =	CONTROL		MALE
W 1 =	CONTROL		FEMALE
M 2 =	4	MG/KG	MALE
W 2 =	4	MG/KG	FEMALE
M 3 =	15	MG/KG	MALE
W 3 =	15	MG/KG	FEMALE
M 4 =	55	MG/KG	MALE
W 4 =	55	MG/KG	FEMALE
M 5 =	210	MG/KG	MALE
W 5 =	210	MG/KG	FEMALE
M 6 =	800	MG/KG	MALE
W 6 =	800	MG/KG	FEMALE

	N	BODY WEIGHT	HEART	LUNGS	LIVER	KIDNEYS	SPLEEN	TESTES/ OVARIES	ADRENAL	THYROID	BRAIN	PITU-ITARY	SEMINAL VESICLE
M 1 MEAN	10	230.2	0.36	0.66	4.23	0.675	0.264		0.019				
S		17.1	0.02	0.11	0.22	0.031	0.022		0.005				
W 1 MEAN	10	160.4	0.41	0.70	4.21	0.739	0.274		0.031				
S		15.0	0.08	0.10	0.46	0.063	0.054		0.005				
M 2 MEAN	10	215.8	0.37	0.56	4.10	0.688	0.275		0.021				
S		23.9	0.02	0.07	0.18	0.042	0.073		0.004				
W 2 MEAN	10	168.6	0.35	0.64	4.13	0.707	0.274		0.032				
S		11.7	0.04	0.12	0.23	0.040	0.036		0.006				
M 3 MEAN	10	228.4	0.35	0.56	4.01	0.700	0.288		0.019				
S		13.8	0.04	0.04	0.38	0.056	0.088		0.003				
W 3 MEAN	10	167.4	0.34	0.60	3.98	0.680	0.261		0.028				
S		8.5	0.03	0.08	0.34	0.038	0.040		0.005				
M 4 MEAN	10	232.6	0.35	0.59	4.15	0.697	0.245		0.019				
S		22.6	0.04	0.09	0.28	0.051	0.037		0.003				
W 4 MEAN	10	170.6	0.38	0.69	4.05	0.702	0.257		0.033				
S		11.0	0.03	0.09	0.38	0.026	0.034		0.005				
M 5 MEAN	10	235.8	0.37	0.61	4.03	0.713	0.281		0.021				
S		21.3	0.05	0.09	0.21	0.075	0.037		0.002				
W 5 MEAN	10	164.2	0.38	0.70	3.95	0.741	0.303		0.033				
S		7.0	0.08	0.22	0.29	0.071	0.073		0.007				
M 6 MEAN	9	178.9	0.41	0.73	4.61	0.772	0.303		0.034				
S		21.1	0.05	0.10	0.55	0.112	0.086		0.010				
W 6 MEAN	9	158.4	0.37	0.81	4.24	0.706	0.289		0.035				
S		7.7	0.04	0.21	0.24	0.054	0.035		0.007				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX MALE
MAINTENANCE IN GROUPS

1. DAY OF STUDY 03.02.1976 1. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00010	110			0	826		
00011	114			0	826		
00012	110			0	826		
00013	110			0	826		
00014	108			0	826		
00020	98			0	860		
00021	98			0	860		
00022	96			0	860		
00023	100			0	860		
00024	108			0	860		
MEAN	105.2						
S	6.5						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX FEMALE
MAINTENANCE IN GROUPS

1.DAY OF STUDY 03.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00035	102			0	920		
00036	94			0	920		
00037	104			0	920		
00038	102			0	920		
00039	100			0	920		
00045	104			0	904		
00046	102			0	904		
00047	102			0	904		
00048	102			0	904		
00049	94			0	904		
MEAN	100.6						
S	3.7						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 1ST DOSE LEVEL SEX MALE
DOSE 4 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 03.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00050	110			0	904		
00051	96			0	904		
00052	104			0	904		
00053	106			0	904		
00054	100			0	904		
00060	98			0	900		
00061	96			0	900		
00062	106			0	900		
00063	104			0	900		
00064	110			0	900		
MEAN	103.0						
S	5.3						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 1ST DOSE LEVEL SEX FEMALE
DOSE 4 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 03.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00075	100			0	986		
00076	96			0	986		
00077	92			0	986		
00078	98			0	986		
00079	100			0	986		
00085	102			0	934		
00086	98			0	934		
00087	106			0	934		
00088	108			0	934		
00089	104			0	934		
MEAN	100.4						
S	4.8						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 2ND DOSE LEVEL SEX MALE
DOSE 15 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 03.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00090	104			0	946		
00091	104			0	946		
00092	106			0	946		
00093	110			0	946		
00094	110			0	946		
00100	108			0	920		
00101	108			0	920		
00102	104			0	920		
00103	106			0	920		
00104	108			0	920		
MEAN	106.8						
S	7.3						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 2ND DOSE LEVEL SEX FEMALE
DOSE 15 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 03.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00115	102			0	906		
00116	100			0	906		
00117	108			0	906		
00118	100			0	906		
00119	100			0	906		
00125	100			0	916		
00126	102			0	916		
00127	106			0	916		
00128	96			0	916		
00129	104			0	916		
MEAN	101.8						
S	3.5						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 3RD DOSE LEVEL SEX MALE
DOSE 55 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 04.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00130	100			0	900		
00131	108			0	900		
00132	104			0	900		
00133	104			0	900		
00134	114			0	900		
00140	114			0	876		
00141	108			0	876		
00142	104			0	876		
00143	100			0	876		
00144	102			0	876		
MEAN	105.8						
S	5.1						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 3RD DOSE LEVEL SEX FEMALE
DOSE 55 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 04.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00155	104			0	928		
00156	106			0	928		
00157	100			0	928		
00158	104			0	928		
00159	100			0	928		
00165	100			0	904		
00166	102			0	904		
00167	100			0	904		
00168	100			0	904		
00169	104			0	904		
MEAN	102.0						
S	2.3						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 4TH DOSE LEVEL SEX MALE
DOSE 210 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 04.02.1976 1. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00170	108			0	880		
00171	110			0	880		
00172	108			0	880		
00173	106			0	880		
00174	112			0	880		
00180	102			0	910		
00181	110			0	910		
00182	106			0	910		
00183	114			0	910		
00184	114			0	910		
MEAN	109.0						
S	3.8						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 4TH DOSE LEVEL SEX FEMALE
DOSE 210 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 04.02.1976 1.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00195	102			0	886		
00196	100			0	886		
00197	104			0	886		
00198	100			0	886		
00199	100			0	886		
00205	104			0	890		
00206	106			0	890		
00207	98			0	890		
00208	102			0	890		
00209	102			0	890		
MEAN	101.8						
S	2.4						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 5TH DOSE LEVEL SEX MALE
DOSE 800 MG/KG MAINTENANCE IN GROUPS
1. DAY OF STUDY 04.02.1976 1. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00210	100			0	908		
00211	100			0	908		
00212	100			0	908		
00213	96			0	908		
00214	102			0	908		
00220	106			0	900		
00221	110			0	900		
00222	106			0	900		
00223	112			0	900		
00224	108			0	900		
MEAN	104.0						
S	5.2						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 5TH DOSE LEVEL SEX FEMALE
DOSE 800 MG/KG MAINTENANCE IN GROUPS
1.DAY OF STUDY 04.02.1976 1. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00235	94			0	894		
00236	92			0	894		
00237	100			0	894		
00238	100			0	894		
00239	94			0	894		
00245	98			0	876		
00246	96			0	876		
00247	98			0	876		
00248	102			0	876		
00249	100			0	876		
MEAN	97.4						
S	3.3						

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX MALE
MAINTENANCE IN GROUPS

3.DAY OF STUDY 05.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00010	116	6	6	700	984	12.6	11.15
00011	120	6	6	700	984	12.6	10.77
00012	116	6	6	700	984	12.6	11.15
00013	120	10	10	700	984	12.6	10.96
00014	114	6	6	700	984	12.6	11.35
00020	104	6	6	770	952	9.0	8.91
00021	104	6	6	770	952	9.0	8.91
00022	100	4	4	770	952	9.0	9.18
00023	104	4	4	770	952	9.0	8.82
00024	110	2	2	770	952	9.0	8.26
MEAN	110.8	5.6	5.6			10.80	9.946
S	7.4	2.1	2.1				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX FEMALE
MAINTENANCE IN GROUPS

3.DAY OF STUDY 05.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00035	102	0	0	836	982	8.4	8.24
00036	94	0	0	836	982	8.4	8.94
00037	108	4	4	836	982	8.4	7.92
00038	102	0	0	836	982	8.4	8.24
00039	100	0	0	836	982	8.4	8.40
00045	108	4	4	808	974	9.6	9.06
00046	104	2	2	808	974	9.6	9.32
00047	104	2	2	808	974	9.6	9.32
00048	106	4	4	808	974	9.6	9.23
00049	94	0	0	808	974	9.6	10.21
MEAN	102.2	1.6	1.6			9.00	8.887
S	5.0	1.8	1.8				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 1ST DOSE LEVEL SEX MALE
DOSE 4 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 05.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00050	110	0	0	820	960	8.4	7.64
00051	98	2	2	820	960	8.4	8.66
00052	108	4	4	820	960	8.4	7.92
00053	108	2	2	820	960	8.4	7.85
00054	100	0	0	820	960	8.4	8.40
00060	100	2	2	828	970	7.2	7.27
00061	96	0	0	828	970	7.2	7.50
00062	104	-2	-2	828	970	7.2	6.86
00063	106	2	2	828	970	7.2	6.86
00064	112	2	2	828	970	7.2	6.49
MEAN	104.2	1.2	1.2			7.80	7.544
S	5.5	1.7	1.7				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 1ST DOSE LEVEL SEX FEMALE
DOSE 4 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 05.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00075	100	0	0	902	982	8.4	8.40
00076	102	6	6	902	982	8.4	8.48
00077	100	8	8	902	982	8.4	8.75
00078	100	2	2	902	982	8.4	8.48
00079	100	0	0	902	982	8.4	8.40
00085	110	8	8	838	994	9.6	9.06
00086	98	0	0	838	994	9.6	9.80
00087	110	4	4	838	994	9.6	8.89
00088	110	2	2	838	994	9.6	8.81
00089	104	0	0	838	994	9.6	9.23
MEAN	103.4	3.0	3.0			9.00	8.830
S	4.8	3.3	3.3				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 2ND DOSE LEVEL SEX MALE
DOSE 15 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 05.02.1976 2. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00090	106	2	2	860	980	8.6	8.19
00091	106	2	2	860	980	8.6	8.19
00092	104	-2	-2	860	980	8.6	8.19
00093	114	4	4	860	980	8.6	7.68
00094	108	-2	-2	860	980	8.6	7.89
00100	114	6	6	810	992	11.0	9.91
00101	118	10	10	810	992	11.0	9.73
00102	110	6	6	810	992	11.0	10.28
00103	112	6	6	810	992	11.0	10.09
00104	116	8	8	810	992	11.0	9.82
MEAN	110.8	4.0	4.0			9.80	8.998
S	4.7	4.0	4.0				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 2ND DOSE LEVEL SEX FEMALE
DOSE 15 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 05.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00115	104	2	2	810	954	9.6	9.32
00116	100	0	0	810	954	9.6	9.60
00117	114	6	6	810	954	9.6	8.65
00118	102	2	2	810	954	9.6	9.50
00119	104	4	4	810	954	9.6	9.41
00125	100	0	0	822	956	9.4	9.40
00126	106	4	4	822	956	9.4	9.04
00127	108	2	2	822	956	9.4	8.79
00128	100	4	4	822	956	9.4	9.59
00129	108	4	4	822	956	9.4	8.87
MEAN	104.6	2.8	2.8			9.50	9.217
S	4.5	1.9	1.9				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 3RD DOSE LEVEL SEX MALE
DOSE 55 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 06.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00130	100	0	0	792	946	10.8	10.80
00131	118	10	10	792	946	10.8	9.56
00132	114	10	10	792	946	10.8	9.91
00133	112	8	8	792	946	10.8	10.00
00134	120	6	6	792	946	10.8	9.23
00140	126	12	12	774	964	10.2	8.50
00141	116	8	8	774	964	10.2	9.11
00142	112	8	8	774	964	10.2	9.44
00143	104	4	4	774	964	10.2	10.00
00144	104	2	2	774	964	10.2	9.90
MEAN	112.6	6.8	6.8			10.50	9.645
S	8.1	3.8	3.8				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 3RD DOSE LEVEL SEX FEMALE
DOSE 55 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 06.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00155	108	4	4	818	994	11.0	10.38
00156	110	4	4	818	994	11.0	10.19
00157	106	6	6	818	994	11.0	10.68
00158	112	8	8	818	994	11.0	10.19
00159	106	6	6	818	994	11.0	10.68
00165	104	4	4	804	954	10.0	9.80
00166	108	6	6	804	954	10.0	9.52
00167	106	6	6	804	954	10.0	9.71
00168	110	10	10	804	954	10.0	9.52
00169	106	2	2	804	954	10.0	9.52
MEAN	107.6	5.6	5.6			10.50	10.019
S	2.5	2.3	2.3				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 4TH DOSE LEVEL SEX MALE
DOSE 210 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 06.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00170	118	10	10	768	944	11.2	9.91
00171	124	14	14	768	944	11.2	9.57
00172	120	12	12	768	944	11.2	9.82
00173	112	6	6	768	944	11.2	10.28
00174	126	14	14	768	944	11.2	9.41
00180	104	2	2	802	964	10.8	10.49
00181	112	2	2	802	964	10.8	9.73
00182	114	8	8	802	964	10.8	9.82
00183	124	10	10	802	964	10.8	9.08
00184	124	10	10	802	964	10.8	9.08
MEAN	117.8	8.8	8.8			11.00	9.718
S	7.1	4.3	4.3				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 4TH DOSE LEVEL SEX FEMALE
DOSE 210 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 06.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00195	110	8	8	790	994	9.6	9.06
00196	106	6	6	790	994	9.6	9.32
00197	108	4	4	790	994	9.6	9.06
00198	106	6	6	790	994	9.6	9.32
00199	104	4	4	790	994	9.6	9.41
00205	110	6	6	790	980	10.0	9.35
00206	110	4	4	790	980	10.0	9.26
00207	100	2	2	790	980	10.0	10.10
00208	108	6	6	790	980	10.0	9.52
00209	108	6	6	790	980	10.0	9.52
MEAN	107.0	5.2	5.2			9.80	9.392
S	3.2	1.7	1.7				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 5TH DOSE LEVEL SEX MALE
DOSE 800 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 06.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00210	108	8	8	812	984	9.6	9.23
00211	102	2	2	812	984	9.6	9.50
00212	108	8	8	812	984	9.6	9.23
00213	104	8	8	812	984	9.6	9.60
00214	112	10	10	812	984	9.6	8.97
00220	110	4	4	800	970	10.0	9.26
00221	118	8	8	800	970	10.0	8.77
00222	116	10	10	800	970	10.0	9.01
00223	122	10	10	800	970	10.0	8.55
00224	118	10	10	800	970	10.0	8.85
MEAN	111.8	7.8	7.8			9.80	9.098
S	6.6	2.7	2.7				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 5TH DOSE LEVEL SEX FEMALE
DOSE 800 MG/KG MAINTENANCE IN GROUPS
3.DAY OF STUDY 06.02.1976 2.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00235	102	8	8	806	974	8.8	8.98
00236	98	6	6	806	974	8.8	9.26
00237	104	4	4	806	974	8.8	8.63
00238	104	4	4	806	974	8.8	8.63
00239	98	4	4	806	974	8.8	9.17
00245	106	8	8	806	938	8.7	8.58
00246	100	4	4	806	938	8.7	8.93
00247	104	6	6	806	938	8.7	8.66
00248	0			806	DIED		
00249	104	4	4	806	938	8.7	8.58
MEAN	102.2	5.3	5.3			8.78	8.824
S	2.9	1.7	1.7				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX MALE
MAINTENANCE IN GROUPS

7.DAY OF STUDY 09.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00010	132	22	16	720	960	13.2	10.65
00011	140	26	20	720	960	13.2	10.15
00012	130	20	14	720	960	13.2	10.73
00013	134	24	14	720	960	13.2	10.39
00014	130	22	16	720	960	13.2	10.82
00020	126	28	22	714	968	11.9	10.35
00021	120	22	16	714	968	11.9	10.62
00022	116	20	16	714	968	11.9	11.02
00023	120	20	16	714	968	11.9	10.62
00024	132	24	22	714	968	11.9	9.83
MEAN	128.0	22.8	17.2			12.55	10.520
S	7.4	2.7	3.0				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP CONTROL SEX FEMALE
MAINTENANCE IN GROUPS

7.DAY OF STUDY 09.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00035	116	14	14	744	908	11.9	10.92
00036	104	10	10	744	908	11.9	12.02
00037	120	16	12	744	908	11.9	10.44
00038	120	18	18	744	908	11.9	10.72
00039	112	12	12	744	908	11.9	11.23
00045	118	14	10	722	970	12.6	11.15
00046	120	18	16	722	970	12.6	11.25
00047	118	16	14	722	970	12.6	11.35
00048	120	18	14	722	970	12.6	11.15
00049	104	10	10	722	970	12.6	12.73
MEAN	115.2	14.6	13.0			12.25	11.295
	6.4	3.1	2.7				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 1ST DOSE LEVEL SEX MALE
DOSE 4 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 09.02.1976 3. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00050	124	14	14	710	922	12.5	10.68
00051	114	18	16	710	922	12.5	11.79
00052	124	20	16	710	922	12.5	10.78
00053	126	20	18	710	922	12.5	10.68
00054	108	8	8	710	922	12.5	12.02
00060	110	12	10	726	930	12.2	11.62
00061	104	8	8	726	930	12.2	12.20
00062	112	6	8	726	930	12.2	11.30
00063	122	18	16	726	930	12.2	10.70
00064	130	20	18	726	930	12.2	10.08
MEAN	117.4	14.4	13.2			12.35	11.185
S	8.8	5.6	4.2				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 1ST DOSE LEVEL SEX FEMALE
DOSE 4 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 09.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00075	114	14	14	742	954	12.0	11.21
00076	116	20	14	742	954	12.0	11.01
00077	110	18	10	742	954	12.0	11.43
00078	112	14	12	742	954	12.0	11.32
00079	118	18	18	742	954	12.0	11.01
00085	120	18	10	766	990	11.4	9.91
00086	112	14	14	766	990	11.4	10.86
00087	122	16	12	766	990	11.4	9.83
00088	124	16	14	766	990	11.4	9.74
00089	112	8	8	766	990	11.4	10.56
MEAN	116.0	15.6	12.6			11.70	10.688
S	4.8	3.4	2.8				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 2ND DOSE LEVEL SEX MALE
DOSE 15 MG/KG MAINTENANCE IN GROUPS
7. DAY OF STUDY 09.02.1976 3. TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00090	120	16	14	746	988	11.7	10.35
00091	120	16	14	746	988	11.7	10.35
00092	114	8	10	746	988	11.7	10.73
00093	130	20	16	746	988	11.7	9.59
00094	114	4	6	746	988	11.7	10.54
00100	130	22	16	728	950	13.2	10.82
00101	138	30	20	728	950	13.2	10.31
00102	124	20	14	728	950	13.2	11.28
00103	128	22	16	728	950	13.2	11.00
00104	132	24	16	728	950	13.2	10.65
MEAN	125.0	18.2	14.2			12.45	10.563
S	8.0	7.6	3.8				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 2ND DOSE LEVEL SEX FEMALE
DOSE 15 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 09.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00115	116	14	12	734	910	11.0	10.00
00116	112	12	12	734	910	11.0	10.38
00117	120	12	6	734	910	11.0	9.40
00118	114	14	12	734	910	11.0	10.19
00119	112	12	8	734	910	11.0	10.19
00125	112	12	12	714	974	12.1	11.42
00126	122	20	16	714	974	12.1	10.61
00127	122	16	14	714	974	12.1	10.52
00128	112	16	12	714	974	12.1	11.42
00129	116	12	8	714	974	12.1	10.80
MEAN	115.8	14.0	11.2			11.55	10.492
S	4.2	2.7	3.0				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 3RD DOSE LEVEL SEX MALE
DOSE 55 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 10.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00130	112	12	12	702	938	12.2	11.51
00131	138	30	20	702	938	12.2	9.53
00132	128	24	14	702	938	12.2	10.08
00133	126	22	14	702	938	12.2	10.25
00134	144	30	24	702	938	12.2	9.24
00140	138	24	12	726	966	11.9	9.02
00141	134	26	18	726	966	11.9	9.52
00142	130	26	18	726	966	11.9	9.83
00143	114	14	10	726	966	11.9	10.92
00144	116	14	12	726	966	11.9	10.82
MEAN	128.0	22.2	15.4			12.05	10.072
S	11.0	6.6	4.4				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 3RD DOSE LEVEL SEX FEMALE
DOSE 55 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 10.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00155	122	18	14	760	954	11.7	10.17
00156	126	20	16	760	954	11.7	9.92
00157	120	20	14	760	954	11.7	10.35
00158	124	20	12	760	954	11.7	9.92
00159	118	18	12	760	954	11.7	10.45
00165	122	22	18	720	942	11.7	10.35
00166	120	18	12	720	942	11.7	10.26
00167	120	20	14	720	942	11.7	10.35
00168	126	26	16	720	942	11.7	9.92
00169	120	16	14	720	942	11.7	10.35
MEAN	121.8	19.8	14.2			11.70	10.205
S	2.7	2.7	2.0				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 4TH DOSE LEVEL SEX MALE
DOSE 210 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 10.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00170	142	34	24	674	972	13.5	10.38
00171	142	32	18	674	972	13.5	10.15
00172	134	26	14	674	972	13.5	10.63
00173	134	28	22	674	972	13.5	10.98
00174	138	26	12	674	972	13.5	10.23
00180	122	20	18	688	946	13.8	12.21
00181	130	20	18	688	946	13.8	11.40
00182	132	26	18	688	946	13.8	11.22
00183	146	32	22	688	946	13.8	10.22
00184	140	26	16	688	946	13.8	10.45
MEAN	136.0	27.0	18.2			13.65	10.788
S	7.1	4.7	3.7				

HOECHST AG INDIVIDUAL RESULTS FOOD CONSUMPTION AND BODY WEIGHT PHARMA FORSCHUNG TOXIKOLOGIE

METHOD HT 003 STUDY 0541 START OF STUDY 03.02.1976 PREPARATION OCTOPIROX E 002
ANIMAL RAT ROUTE STOMACH TUBE
GROUP TEST DRUG: 4TH DOSE LEVEL SEX FEMALE
DOSE 210 MG/KG MAINTENANCE IN GROUPS
7.DAY OF STUDY 10.02.1976 3.TEST

ANIMAL NUMBER	ANIMAL WEIGHT IN G ABSOLUTE	COMP. TO INITIAL	COMP. TO PREVIOUS	FOOD HOLDER IN G BEFORE FILLING	AFTER FILLING	FOOD CONSUMPTION G/DAY	% BODY WEIGHT PER DAY
00195	114	12	4	764	976	11.5	10.27
00196	114	14	8	764	976	11.5	10.45
00197	124	20	16	764	976	11.5	9.91
00198	116	16	10	764	976	11.5	10.36
00199	116	16	12	764	976	11.5	10.45
00205	120	16	10	736	968	12.2	10.61
00206	120	14	10	736	968	12.2	10.61
00207	110	12	10	736	968	12.2	11.62
00208	118	16	10	736	968	12.2	10.80
00209	118	16	10	736	968	12.2	10.80
MEAN	117.0	15.2	10.0			11.85	10.588
S	3.9	2.3	3.0				