

*****MODEL NFAC=4,NOD=10,RFC=1,DESIGN=PNC,ABC(AB)D,CODES=T/*****

*****FACTOR1 NAME=SEX,NLEV=2,LNAME=MALE,FEMALE,LCODE=1,2,FIXED=T/*****

*****FACTOR2 NAME=PB-LEVEL,NLEV=5,LNAME= OPPM, 10PPM, 50PPM, 100PPM, 500PPM,*****

***** LCODE=002,016,057,155,576,FIXED=T/*****

*****FACTOR3 NAME=DO6,NLEV=4,LNAME=1,2,3,4,LCODE=1,2,3,4,FIXED=F/*****

*****FACTOR4 NAME=TIME-PERIOD,NLEV=10,LNAME=1 MON,2 MON,3 MON,6 MON, 9 MON,12 MON,*****

***** 15 MON,*****

***** 18 MON,21 MON,24 MON,LCODE=01,02,03,06,09,12,15,18,21,24,FIXED=T/*****

*****RESPONSE Y25=VOLUME,Y26=OSMOLALITY,Y27=PH,Y28=PROTEIN,Y29=SPEC. GRAVITY,*****

***** Y31=URINE LEAD,Y32=FECES LEAD,LOG OSMOLALITY,LOG URINE LEAD,LOG FECES LEAD/*****

*****MEANS 3*****

*****MEANS PLOT 3*****

*****OPCODES*****

UPCODES

MOV 7,1,801	9	7	1	801	0	1
MPY 6,(100.),6	3	6	901	6	0	2
LOG 2,2,10	8	2	2	10	0	3
LOG 6,6,10	8	6	6	10	0	4
LOG 7,7,10	8	7	7	10	0	5
MPY 2,(100.),808	3	2	901	808	0	6
MPY 6,(100.),809	3	6	901	809	0	7
MPY 7,(100.),810	3	7	901	810	0	8
OUT	999	0	0	0	0	9

*****FORMAT(4X,A1,A3,A1,A2,5X,4F4.0,F6.0,6X,2F5.0)*****

*****DATA NOBS=400,INQV=7*****

Y25-Y29, Y31, Y32

N36873

EXPANDED DATA MATRIX (IDENTIFICATION: INPUT DATA ROW NUMBER, EXPANDED DATA ROW NUMBER, FACTOR LEVELS)

Y25=VOLUME LOG URINE LE	Y26=OSMOLALI LOG FECES LE	Y27=PH	Y28=PROTEIN	Y29=SPEC. GR	Y31=URINE LE	Y32=FECEFS LE	LOG OSMOLALI
1 770.00000	445.00000	6.80000	4.00000 (= 4)	1.01500	.45000	41.00000	284.83600 (= 8)
2 165.32125	161.27839	2 1 1 2	6.60000	1.02200	.50000	20.00000	291.90781 (= 8)
3 600.00000	830.00000	2 1 1 3	6.60000	1.02000	.05000	15.00000	278.88751 (= 8)
4 69.89700	130.10300	2 1 1 4	7.00000	1.02100	.15000	74.60000	282.93038 (= 8)
5 585.00000	675.00000	2 1 1 5	12.00000 (= 4)	1.02400	.45000	142.20000	289.20946 (= 8)
117.60913	187.27388						
460.00000	780.00000						
165.32125	215.28996						

NO. OF INPUT DATA ROWS = 400

NO. OF ROWS DELETED BY LOGICAL TESTS = 0

NO. OF ROWS DELETED FOR MISSING DATA = 0

NO. OF EXPANDED DATA ROWS REMAINING = 400

*****ANOVA

CELL IDENTIFICATION

CELL MEAN

1 1 1 1	425.0000
1 1 1 2	425.0000
1 1 1 3	455.0000
1 1 1 4	715.0000
1 1 1 5	410.0000
1 1 1 6	560.0000
1 1 1 7	770.0000
1 1 1 8	810.0000
1 1 1 9	628.0000
1 1 1 10	480.0000
1 1 2 1	840.0000
1 1 2 2	850.0000
1 1 2 3	495.0000
1 1 2 4	265.0000
1 1 2 5	560.0000
1 1 2 6	800.0000
1 1 2 7	650.0000
1 1 2 8	670.0000
1 1 2 9	930.0000
1 1 2 10	600.0000
1 1 3 1	425.0000
1 1 3 2	490.0000
1 1 3 3	415.0000
1 1 3 4	915.0000
1 1 3 5	485.0000
1 1 3 6	420.0000
1 1 3 7	570.0000
1 1 3 8	395.0000
1 1 3 9	305.0000
1 1 3 10	590.0000
1 1 4 1	540.0000
1 1 4 2	740.0000
1 1 4 3	650.0000
1 1 4 4	650.0000
1 1 4 5	200.0000
1 1 4 6	550.0000
1 1 4 7	830.0000
1 1 4 8	705.0000
1 1 4 9	365.0000
1 1 4 10	560.0000
1 2 1 1	500.0000
1 2 1 2	230.0000
1 2 1 3	290.0000
1 2 1 4	590.0000
1 2 1 5	535.0000
1 2 1 6	430.0000
1 2 1 7	640.0000
1 2 1 8	440.0000
1 2 1 9	285.0000
1 2 1 10	390.0000
1 2 2 1	430.0000
1 2 2 2	800.0000
1 2 2 3	550.0000
1 2 2 4	480.0000
1 2 2 5	275.0000

1	2	2	6	212.0000
1	2	2	7	650.0000
1	2	2	8	305.0000
1	2	2	9	655.0000
1	2	2	10	390.0000
1	2	3	1	440.0000
1	2	3	2	635.0000
1	2	3	3	910.0000
1	2	3	4	505.0000
1	2	3	5	260.0000
1	2	3	6	580.0000
1	2	3	7	475.0000
1	2	3	8	510.0000
1	2	3	9	600.0000
1	2	3	10	275.0000
1	2	4	1	600.0000
1	2	4	2	305.0000
1	2	4	3	520.0000
1	2	4	4	605.0000
1	2	4	5	990.0000
1	2	4	6	455.0000
1	2	4	7	510.0000
1	2	4	8	550.0000
1	2	4	9	335.0000
1	2	4	10	730.0000
1	3	1	1	100.0000
1	3	1	2	850.0000
1	3	1	3	680.0000
1	3	1	4	800.0000
1	3	1	5	885.0000
1	3	1	6	810.0000
1	3	1	7	940.0000
1	3	1	8	745.0000
1	3	1	9	810.0000
1	3	1	10	740.0000
1	3	2	1	370.0000
1	3	2	2	365.0000
1	3	2	3	385.0000
1	3	2	4	520.0000
1	3	2	5	550.0000
1	3	2	6	730.0000
1	3	2	7	340.0000
1	3	2	8	850.0000
1	3	2	9	240.0000
1	3	2	10	440.0000
1	3	3	1	460.0000
1	3	3	2	815.0000
1	3	3	3	425.0000
1	3	3	4	800.0000
1	3	3	5	580.0000
1	3	3	6	174.0000
1	3	3	7	650.0000
1	3	3	8	425.0000
1	3	3	9	790.0000
1	3	3	10	590.0000
1	3	4	1	415.0000
1	3	4	2	720.0000
1	3	4	3	415.0000
1	3	4	4	440.0000
1	3	4	5	670.0000

1	3	4	6	730.0000
1	3	4	7	535.0000
1	3	4	8	115.0000
1	3	4	9	184.0000
1	3	4	10	510.0000
1	4	1	1	500.0000
1	4	1	2	860.0000
1	4	1	3	355.0000
1	4	1	4	755.0000
1	4	1	5	820.0000
1	4	1	6	440.0000
1	4	1	7	410.0000
1	4	1	8	600.0000
1	4	1	9	470.0000
1	4	1	10	395.0000
1	4	2	1	315.0000
1	4	2	2	255.0000
1	4	2	3	84.0000
1	4	2	4	570.0000
1	4	2	5	175.0000
1	4	2	6	240.0000
1	4	2	7	415.0000
1	4	2	8	250.0000
1	4	2	9	370.0000
1	4	2	10	230.0000
1	4	3	1	470.0000
1	4	3	2	135.0000
1	4	3	3	580.0000
1	4	3	4	450.0000
1	4	3	5	385.0000
1	4	3	6	495.0000
1	4	3	7	250.0000
1	4	3	8	360.0000
1	4	3	9	395.0000
1	4	3	10	375.0000
1	4	4	1	435.0000
1	4	4	2	275.0000
1	4	4	3	250.0000
1	4	4	4	230.0000
1	4	4	5	240.0000
1	4	4	6	280.0000
1	4	4	7	940.0000
1	4	4	8	260.0000
1	4	4	9	255.0000
1	4	4	10	245.0000
1	5	1	1	600.0000
1	5	1	2	350.0000
1	5	1	3	400.0000
1	5	1	4	190.0000
1	5	1	5	590.0000
1	5	1	6	865.0000
1	5	1	7	950.0000
1	5	1	8	310.0000
1	5	1	9	340.0000
1	5	1	10	325.0000
1	5	2	1	420.0000
1	5	2	2	455.0000
1	5	2	3	186.0000
1	5	2	4	255.0000
1	5	2	5	435.0000

2-YEAR LEAD-FEEDING STUDY - D085 URINE AND LEAD DATA (Y25-29,31,32)

1	5	2	6	238.0000
1	5	2	7	195.0000
1	5	2	8	300.0000
1	5	2	9	390.0000
1	5	2	10	180.0000
1	5	3	1	290.0000
1	5	3	2	440.0000
1	5	3	3	540.0000
1	5	3	4	400.0000
1	5	3	5	700.0000
1	5	3	6	530.0000
1	5	3	7	390.0000
1	5	3	8	635.0000
1	5	3	9	385.0000
1	5	3	10	530.0000
1	5	4	1	435.0000
1	5	4	2	510.0000
1	5	4	3	700.0000
1	5	4	4	275.0000
1	5	4	5	350.0000
1	5	4	6	582.0000
1	5	4	7	549.0000
1	5	4	8	452.0000
1	5	4	9	409.0000
1	5	4	10	382.0000
2	1	1	1	770.0000
2	1	1	2	600.0000
2	1	1	3	580.0000
2	1	1	4	585.0000
2	1	1	5	460.0000
2	1	1	6	495.0000
2	1	1	7	750.0000
2	1	1	8	110.0000
2	1	1	9	385.0000
2	1	1	10	330.0000
2	1	2	1	325.0000
2	1	2	2	395.0000
2	1	2	3	350.0000
2	1	2	4	230.0000
2	1	2	5	610.0000
2	1	2	6	215.0000
2	1	2	7	320.0000
2	1	2	8	350.0000
2	1	2	9	226.0000
2	1	2	10	250.0000
2	1	3	1	410.0000
2	1	3	2	475.0000
2	1	3	3	210.0000
2	1	3	4	580.0000
2	1	3	5	260.0000
2	1	3	6	275.0000
2	1	3	7	255.0000
2	1	3	8	165.0000
2	1	3	9	236.0000
2	1	3	10	122.0000
2	1	4	1	705.0000
2	1	4	2	585.0000
2	1	4	3	650.0000
2	1	4	4	800.0000
2	1	4	5	370.0000

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29,31,32)

2	1	4	6	480.0000
2	1	4	7	530.0000
2	1	4	8	430.0000
2	1	4	9	420.0000
2	1	4	10	540.0000
2	2	1	1	830.0000
2	2	1	2	610.0000
2	2	1	3	830.0000
2	2	1	4	840.0000
2	2	1	5	740.0000
2	2	1	6	725.0000
2	2	1	7	865.0000
2	2	1	8	415.0000
2	2	1	9	820.0000
2	2	1	10	680.0000
2	2	2	1	320.0000
2	2	2	2	820.0000
2	2	2	3	530.0000
2	2	2	4	750.0000
2	2	2	5	585.0000
2	2	2	6	860.0000
2	2	2	7	855.0000
2	2	2	8	490.0000
2	2	2	9	580.0000
2	2	2	10	620.0000
2	2	3	1	750.0000
2	2	3	2	700.0000
2	2	3	3	460.0000
2	2	3	4	360.0000
2	2	3	5	610.0000
2	2	3	6	500.0000
2	2	3	7	375.0000
2	2	3	8	375.0000
2	2	3	9	390.0000
2	2	3	10	350.0000
2	2	4	1	255.0000
2	2	4	2	330.0000
2	2	4	3	350.0000
2	2	4	4	138.0000
2	2	4	5	225.0000
2	2	4	6	380.0000
2	2	4	7	380.0000
2	2	4	8	415.0000
2	2	4	9	277.0000
2	2	4	10	140.0000
2	2	5	1	420.0000
2	2	5	2	790.0000
2	2	5	3	830.0000
2	2	5	4	530.0000
2	2	5	5	395.0000
2	2	5	6	390.0000
2	2	5	7	520.0000
2	2	5	8	720.0000
2	2	5	9	522.0000
2	2	5	10	740.0000
2	2	6	1	140.0000
2	2	6	2	585.0000
2	2	6	3	196.0000
2	2	6	4	240.0000
2	2	6	5	120.0000

3	2	6	170.0000
3	2	7	130.0000
3	2	8	280.0000
3	2	9	164.0000
3	2	10	80.0000
3	3	1	360.0000
3	3	2	285.0000
3	3	3	106.0000
3	3	4	120.0000
3	3	5	165.0000
3	3	6	150.0000
3	3	7	230.0000
3	3	8	220.0000
3	3	9	166.0000
3	3	10	166.0000
3	4	1	600.0000
3	4	2	810.0000
3	4	3	800.0000
3	4	4	640.0000
3	4	5	580.0000
3	4	6	800.0000
3	4	7	900.0000
3	4	8	460.0000
3	4	9	250.0000
3	4	10	435.0000
4	1	1	455.0000
4	1	2	710.0000
4	1	3	500.0000
4	1	4	265.0000
4	1	5	500.0000
4	1	6	880.0000
4	1	7	335.0000
4	1	8	415.0000
4	1	9	770.0000
4	1	10	530.0000
4	2	1	625.0000
4	2	2	605.0000
4	2	3	540.0000
4	2	4	575.0000
4	2	5	520.0000
4	2	6	810.0000
4	2	7	690.0000
4	2	8	370.0000
4	2	9	775.0000
4	2	10	870.0000
4	3	1	530.0000
4	3	2	400.0000
4	3	3	820.0000
4	3	4	615.0000
4	3	5	575.0000
4	3	6	535.0000
4	3	7	410.0000
4	3	8	240.0000
4	3	9	512.0000
4	3	10	520.0000
4	4	1	590.0000
4	4	2	405.0000
4	4	3	540.0000
4	4	4	260.0000
4	4	5	530.0000

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29,31,32)

2	4	4	6	665.0000
2	4	4	7	480.0000
2	4	4	8	570.0000
2	4	4	9	510.0000
2	4	4	10	700.0000
2	5	1	1	455.0000
2	5	1	2	640.0000
2	5	1	3	430.0000
2	5	1	4	820.0000
2	5	1	5	1190.0000
2	5	1	6	475.0000
2	5	1	7	605.0000
2	5	1	8	500.0000
2	5	1	9	610.0000
2	5	1	10	405.0000
2	5	2	1	235.0000
2	5	2	2	410.0000
2	5	2	3	365.0000
2	5	2	4	340.0000
2	5	2	5	230.0000
2	5	2	6	220.0000
2	5	2	7	500.0000
2	5	2	8	275.0000
2	5	2	9	134.0000
2	5	3	1	186.0000
2	5	3	2	390.0000
2	5	3	3	370.0000
2	5	3	4	250.0000
2	5	3	5	315.0000
2	5	3	6	430.0000
2	5	3	7	175.0000
2	5	3	8	425.0000
2	5	3	9	275.0000
2	5	3	10	144.0000
2	5	4	1	310.0000
2	5	4	2	600.0000
2	5	4	3	525.0000
2	5	4	4	780.0000
2	5	4	5	450.0000
2	5	4	6	940.0000
2	5	4	7	491.0000
2	5	4	8	711.0000
2	5	4	9	551.0000
2	5	4	10	497.0000
2	5	4	10	501.0000

484.33500

GRAND MEAN

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29,31,32)
EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION EXPECTED MEAN SQUARE

A = SEX
B = PB-LEVEL
AB
C = DOG
D = TIME-PERIOD
AD
BD
ABD
CD

10(C) + 200(A)
10(C) + 80(B)
10(C) + 40(AB)
10(C)
1(CD) + 40(D)
1(CD) + 20(AD)
1(CD) + 8(BD)
1(CD) + 4(ABD)
1(CD)

RESPONSE NUMBER 1 Y25=VOLUME

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	399	.17594+08		
A = SEX	1	.40120+05	.40120+05	.21
B = PB-LEVEL	4	.23678+06	.59194+05	.31
AB	4	.15082+07	.37704+06	2.01
C = DOG	30	.56385+07	.18795+06	8.93 **
D = TIME-PERIOD	9	.60142+06	.66825+05	2.47 *
AD	9	.20123+06	.22359+05	.82
BD	36	.93105+06	.25862+05	.95
ABD	36	.11192+07	.31088+05	1.15
CD	270	.73178+07	.27103+05	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)

** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

RESPONSE NUMBER 1 Y25=VOLUME

M E A N S T A B L E S

SEX MEANS

SEX	MEANS
MALE	494.3800
FEMALE	474.3200

STANDARD ERROR OF A MEAN = 30.6554
 95% CONFIDENCE LIMITS = 62.6063
 STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS = 43.3533
 LEAST SIGNIFICANT DIFFERENCE (LSD) = 88.5386

PU-LEVEL MEANS

PU-LEVEL	MEANS
OPPM	499.6500
10PPM	517.4000
50PPM	486.9750
100PPM	474.4875
500PPM	445.1625

STANDARD ERROR OF A MEAN = 48.4705
 95% CONFIDENCE LIMITS = 96.9892
 STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS = 68.5476
 LEAST SIGNIFICANT DIFFERENCE (LSD) = 139.9919

SEX * PB-LEVEL INTERACTION

SEX PB-LEVEL

SEX	PB-LEVEL	MEANS
MALE	OPPM	578.4500
MALE	10PPM	496.6750
MALE	50PPM	564.8250
MALE	100PPM	395.3500
MALE	500PPM	436.4500
FEMALE	OPPM	420.8500
FEMALE	10PPM	538.1250
FEMALE	50PPM	405.1250
FEMALE	100PPM	553.6250
FEMALE	500PPM	453.6750

DIFFERENCES 157.6000 -41.4500 159.7000 -158.2750 -17.4250

STANDARD ERROR OF A MEAN = 68.5476
 95% CONFIDENCE LIMITS = 139.9919
 STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS = 96.9409
 LEAST SIGNIFICANT DIFFERENCE (LSD) = 197.9784

THREE WAY TABLE OF MEANS FOR FACTORS SEX
AT LEVEL MALE

, PB-LEVEL , DOG

PB-LEVEL DOG

	1	2	3	4
0PPM	567.8000	666.0000	501.0000	579.0000
10PPM	433.0000	474.7000	519.0000	560.0000
50PPM	736.0000	479.0000	570.9000	473.4000
100PPM	560.5000	290.4000	389.5000	341.0000
500PPM	492.0000	305.4000	484.0000	464.4000

SEX AT LEVEL FEMALE

PB-LEVEL DOG

	1	2	3	4
0PPM	506.5000	327.1000	298.8000	551.0000
10PPM	735.5000	641.0000	487.0000	289.0000
50PPM	585.7000	210.5000	196.8000	627.5000
100PPM	536.0000	637.8000	515.7000	525.0000
500PPM	613.0000	289.5000	308.4000	604.6000

TIME-PERIOD MEANS

	1 MON	2 MON	3 MON	6 MON	9 MON	12 MON	15 MON	18 MON	21 MON	24 MON
	469.3750	538.8750	485.0500	496.5750	503.2500	495.3000	548.1250	432.8250	438.1750	435.8000

STANDARD ERROR OF A MEAN =

26.0302

95% CONFIDENCE LIMITS =

51.2487

STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =

36.8123

LEAST SIGNIFICANT DIFFERENCE (LSD) =

72.4766

SEX * TIME-PERIOD INTERACTION

SEX TIME-PERIOD

	1 MON	2 MON	3 MON	6 MON	9 MON	12 MON	15 MON	18 MON	21 MON	24 MON
MALE	430.5000	525.2500	464.2500	520.5000	504.7500	506.0500	582.9500	484.3500	437.0500	447.8500
FEMALE	488.2500	552.5000	505.8500	472.6500	501.7500	484.3500	513.3000	381.3000	419.3000	423.7500
DIFFERENCES	-37.7500	-27.2500	-41.6000	47.8500	3.0000	21.5000	69.6500	103.0500	37.7500	24.1000

PB-LEVEL * TIME-PERIOD INTERACTION

PB-LEVEL TIME-PERIOD

	1 MON	2 MON	3 MON	6 MON	9 MON	12 MON	15 MON	18 MON	21 MON	24 MON
0PPM	555.0000	570.0000	475.6250	592.5000	419.3750	474.3750	584.3750	454.3750	436.8750	434.0000
10PPM	515.6250	553.7500	555.0000	533.5000	527.5000	517.7500	593.7500	437.5000	492.7500	446.8750
50PPM	358.1250	652.5000	479.6250	511.2500	493.1250	494.2500	530.6250	476.8750	390.7500	462.6250
100PPM	490.0000	455.6250	458.6250	465.0000	468.1250	543.1250	491.2500	383.1250	506.8750	483.1250
500PPM	428.1250	462.5000	456.3750	380.6250	608.1250	447.0000	540.6250	412.2500	363.6250	352.3750

THREE WAY TABLE OF MEANS FOR FACTORS SEX
SEX AT LEVEL MALE

PB-LEVEL , TIME-PERIOD

PB-LEVEL TIME-PERIOD

	1 MON	2 MON	3 MON	6 MON	9 MON	12 MON	15 MON	18 MON	21 MON	24 MON
0PPM	557.5000	626.2500	503.7500	636.2500	413.7500	582.5000	705.0000	645.0000	557.0000	557.5000
10PPM	492.5000	492.5000	567.5000	545.0000	515.0000	419.2500	568.7500	451.2500	468.7500	446.2500
50PPM	336.2500	687.5000	476.2500	640.0000	671.2500	611.2500	616.2500	593.7500	506.0000	570.0000
100PPM	430.0000	381.2500	317.2500	501.2500	405.0000	363.7500	503.7500	367.5000	372.5000	311.2500
500PPM	436.2500	438.7500	456.5000	280.0000	518.7500	553.7500	521.0000	424.2500	381.0000	354.2500

SEX AT LEVEL FEMALE

PB-LEVEL TIME-PERIOD

	1 MON	2 MON	3 MON	6 MON	9 MON	12 MON	15 MON	18 MON	21 MON	24 MON
0PPM	552.5000	513.7500	447.5000	548.7500	423.0000	366.2500	463.7500	263.7500	316.7500	310.5000
10PPM	538.7500	613.0000	542.5000	522.0000	540.0000	616.2500	618.7500	423.7500	516.7500	447.5000
50PPM	380.0000	617.5000	483.0000	382.5000	315.0000	377.5000	445.0000	420.0000	275.5000	355.2500
100PPM	550.0000	530.0000	600.0000	428.7500	531.2500	722.5000	478.7500	398.7500	641.2500	655.0000
500PPM	420.0000	486.2500	456.2500	481.2500	697.5000	340.2500	560.2500	400.2500	346.2500	350.5000

SYMBOLS USED IN 2- AND 3-WAY MEANS PLOTS

- 1 - LEVEL 1
- 2 - LEVEL 2
- 3 - LEVEL 3
- 4 - LEVEL 4
- 5 - LEVEL 5
- * - REPEATED SYMBOLS

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29,31,32)									
PB-LEVEL		* SEX	SEX		SEX		PAGE	18	18
							* PB-LEVEL	* DOB	
							AT LEVEL	MALE	
1	+	1	+	1	+	+	1	+	1
2	+	1	+	1	+	+	1	+	1
3	+	1	+	1	+	+	1	+	1
4	+	1	+	1	+	+	1	+	1
5	+	1	+	1	+	+	1	+	1
180.90276.10371.30466.50561.70656.90752.10									
180.90276.10371.30466.50561.70656.90752.10									

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29.31.32) PAGE 19

SEX
SEX

* PB-LEVEL
AT LEVEL FEMALE

* DOG
TIME-PERIOD

MEANS

19

1	2	3	4	5	6	7	8	9	10	MEANS
1	1	3 2	1 4	1	1	1	1	1	1	1
2	1	4	3	2	1	1	1	1	1	1
3	1	32	1 4	1	1	1	1	1	1	1
4	1	3	3	2	1	1	1	1	1	1
5	1	23	*	1	1	1	1	1	1	1
6	1	180,90276,10371,30466,50561,70656,90752,10	1 4	1	1	1	1	1	1	1
7	1	180,90276,10371,30466,50561,70656,90752,10	3	1	1	1	1	1	1	1
8	1	180,90276,10371,30466,50561,70656,90752,10	2	1	1	1	1	1	1	1
9	1	180,90276,10371,30466,50561,70656,90752,10	1	1	1	1	1	1	1	1
10	1	180,90276,10371,30466,50561,70656,90752,10	1	1	1	1	1	1	1	1
MEANS	1	180,90276,10371,30466,50561,70656,90752,10	1	1	1	1	1	1	1	1

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29,31,32)
 TIME-PERIOD * SEX

PAGE 20
 * PB-LEVEL

TIME-PERIOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
5	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
6	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
7	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
9	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
11	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
13	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
15	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
19	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

180.90276.10371.30466.50561.70656.90752.10

180.90276.10371.30466.50561.70656.90752.10

CELL IDENTIFICATION

CELL MEAN

1	1	1	1	1300.0000
1	1	1	2	840.0000
1	1	1	3	1008.0000
1	1	1	4	1030.0000
1	1	1	5	995.0000
1	1	1	6	870.0000
1	1	1	7	775.0000
1	1	1	8	695.0000
1	1	1	9	585.0000
1	1	1	10	740.0000
1	1	1	11	580.0000
1	1	1	12	510.0000
1	1	1	13	420.0000
1	1	1	14	620.0000
1	1	1	15	500.0000
1	1	1	16	345.0000
1	1	1	17	585.0000
1	1	1	18	620.0000
1	1	1	19	370.0000
1	1	1	20	460.0000
1	1	1	21	1080.0000
1	1	1	22	1490.0000
1	1	1	23	1363.0000
1	1	1	24	630.0000
1	1	1	25	1208.0000
1	1	1	26	1229.0000
1	1	1	27	1030.0000
1	1	1	28	1110.0000
1	1	1	29	890.0000
1	1	1	30	930.0000
1	1	1	31	770.0000
1	1	1	32	750.0000
1	1	1	33	1490.0000
1	1	1	34	515.0000
1	1	1	35	905.0000
1	1	1	36	785.0000
1	1	1	37	530.0000
1	1	1	38	590.0000
1	1	1	39	1403.0000
1	1	1	40	690.0000
1	1	1	41	520.0000
1	1	1	42	1145.0000
1	1	1	43	1240.0000
1	1	1	44	1190.0000
1	1	1	45	610.0000
1	1	1	46	815.0000
1	1	1	47	470.0000
1	1	1	48	795.0000
1	1	1	49	1115.0000
1	1	1	50	1065.0000
1	1	1	51	1060.0000
1	1	1	52	930.0000
1	1	1	53	775.0000
1	1	1	54	570.0000
1	1	1	55	830.0000

1	2	2	6	545.0000
1	2	2	7	1025.0000
1	2	2	8	955.0000
1	2	2	9	780.0000
1	2	2	10	1140.0000
1	2	3	1	1440.0000
1	2	3	2	995.0000
1	2	3	3	845.0000
1	2	3	4	975.0000
1	2	3	5	1324.0000
1	2	3	6	955.0000
1	2	3	7	830.0000
1	2	3	8	1135.0000
1	2	3	9	595.0000
1	2	3	10	1345.0000
1	2	4	1	175.0000
1	2	4	2	970.0000
1	2	4	3	675.0000
1	2	4	4	690.0000
1	2	4	5	545.0000
1	2	4	6	905.0000
1	2	4	7	755.0000
1	2	4	8	900.0000
1	2	4	9	800.0000
1	2	4	10	895.0000
1	3	1	1	870.0000
1	3	1	2	585.0000
1	3	1	3	763.0000
1	3	1	4	625.0000
1	3	1	5	410.0000
1	3	1	6	450.0000
1	3	1	7	750.0000
1	3	1	8	550.0000
1	3	1	9	300.0000
1	3	1	10	350.0000
1	3	2	1	875.0000
1	3	2	2	930.0000
1	3	2	3	1215.0000
1	3	2	4	755.0000
1	3	2	5	735.0000
1	3	2	6	555.0000
1	3	2	7	1350.0000
1	3	2	8	560.0000
1	3	2	9	1203.0000
1	3	2	10	775.0000
1	3	3	1	700.0000
1	3	3	2	590.0000
1	3	3	3	820.0000
1	3	3	4	585.0000
1	3	3	5	640.0000
1	3	3	6	1000.0000
1	3	3	7	785.0000
1	3	3	8	645.0000
1	3	3	9	410.0000
1	3	3	10	385.0000
1	3	4	1	735.0000
1	3	4	2	795.0000
1	3	4	3	815.0000
1	3	4	4	1080.0000
1	3	4	5	510.0000

2-YEAR LEAD-FEEDING STUDY - DOGS URINE AND LEAD DATA (Y25-29/31,32)

1	3	4	6	805.0000
1	3	4	7	1030.0000
1	3	4	8	620.0000
1	3	4	9	420.0000
1	3	4	10	460.0000
1	4	1	1	1200.0000
1	4	1	2	460.0000
1	4	1	3	1263.0000
1	4	1	4	980.0000
1	4	1	5	775.0000
1	4	1	6	1100.0000
1	4	1	7	900.0000
1	4	1	8	810.0000
1	4	1	9	1120.0000
1	4	1	10	445.0000
1	4	2	1	960.0000
1	4	2	2	1423.0000
1	4	2	3	1720.0000
1	4	2	4	720.0000
1	4	2	5	1408.0000
1	4	2	6	1010.0000
1	4	2	7	780.0000
1	4	2	8	1377.0000
1	4	2	9	925.0000
1	4	2	10	1170.0000
1	4	3	1	830.0000
1	4	3	2	1005.0000
1	4	3	3	715.0000
1	4	3	4	715.0000
1	4	3	5	1010.0000
1	4	3	6	700.0000
1	4	3	7	1135.0000
1	4	3	8	750.0000
1	4	3	9	750.0000
1	4	4	1	1030.0000
1	4	4	2	845.0000
1	4	4	3	1210.0000
1	4	4	4	1355.0000
1	4	4	5	1555.0000
1	4	4	6	700.0000
1	4	4	7	1165.0000
1	4	4	8	645.0000
1	4	4	9	1485.0000
1	4	4	10	1760.0000
1	5	1	1	1702.0000
1	5	1	2	820.0000
1	5	1	3	600.0000
1	5	1	4	680.0000
1	5	1	5	820.0000
1	5	1	6	665.0000
1	5	1	7	685.0000
1	5	1	8	520.0000
1	5	1	9	1050.0000
1	5	1	10	780.0000
1	5	2	1	745.0000
1	5	2	2	1320.0000
1	5	2	3	650.0000
1	5	2	4	1000.0000
1	5	2	5	975.0000
1	5	2	6	1015.0000