ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB.

DELTAALA MG/100 ML

DUP040001941

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90	PROB.	AND MOMENT FIT
-.7100	0	0	0	0		.0025	.0364
-.6700	0	0	0	0		.0050	.0422
-.6300	0	0	0	0		.0100	.0503
-.5900	0	0	0	0		.0250	.0664
-.5500	0	0	0	0		.0500	.0850
-.5100	0	0	0	0		.1000	.1128
-.4700	0	0	0	0		.2500	.1763
-.4300	0	0	0	0		.5000	.2721
-.3900	0	0	0	0		.7500	.3904
-.3500	0	0	0	0		.9000	.5084
-.3100	0	0	0	0		.9500	.5805
-.2700	0	0	0	0		.9750	.6423
-.2300	0	0	0	0		.9900	.7115
-.1900	0	0	0	0		.9950	.7564
-.1500	0	0	0	0		.9975	.7960
-.1100	0	0	0	0			
-.0700	0	0	0	0			
-.0300	0	0	0	0			
.0100	0	0	0	0			
.0500	2	6	2	6	XXXXXX		
.0900	9	27	7	21	XXXXXXXXXXXXXXXXXXXX		
.1300	17	52	8	25	XXXXXXXXXXXXXXXXXXXXXXXX		
.1700	27	82	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.2100	36	108	9	26	XXXXXXXXXXXXXXXXXXXXXXXXX		
.2500	47	141	11	33	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.2900	58	172	10	31	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.3300	66	198	9	26	XXXXXXXXXXXXXXXXXXXXXXXXX		
.3700	75	224	9	26	XXXXXXXXXXXXXXXXXXXXXXXXX		
.4100	82	246	7	22	XXXXXXXXXXXXXXXXXXXXX		
.4500	87	261	5	15	XXXXXXXXXXXXXX		
.4900	91	272	4	11	XXXXXXXXXX		
.5300	94	280	3	8	XXXXXXX		
.5700	94	281	0	1	X		
.6100	96	287	2	6	XXXXXX		
.6500	97	289	1	2	XX		
.6900	99	297	3	8	XXXXXXX		
.7300	100	298	0	1	X		
.7700	100	299	0	1	X		
.8100	100	299	0	0			
.8500	100	299	0	0			
.8900	100	299	0	0			
.9300	100	299	0	0			
.9700	100	299	0	0			
1.0100	100	299	0	0			
1.0500	100	299	0	0			
1.0900	100	299	0	0			
1.1300	100	299	0	0			
1.1700	100	299	0	0			
1.2100	100	299	0	0			
1.2500	100	299	0	0			
1.2900	100	299	0	0			

DATA STATISTICS FOR DELTAALA MG/100 ML EACH SYMBOL EQUALS 1.0 COUNTS 1

MIN=	.03000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.12231655
MAX=	.75000000	BETA2 INSIDE TABLE---YES		RATIO=	.79948281
		AVERAGE=	.29441448	COEF-VAR,PCT=	51.96571600
NO.OF POINTS=	299.	STD.DEVIATION=	.15299460	SQ.RT.BETA1=	.68600155
NO.OF BLANKS=	0.	VARIANCE=	.02340735	BETA 2=	3.13376770

APPENDIX I

FREQUENCY DISTRIBUTION

ESD-MATH. AND STAT. ...OP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB.

DUP04001942

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90 LEAD,MG/L	PROB.	MOMENT FI
-.0900	0	0	0	0		.0025	.0013
-.0850	0	0	0	0		.0050	.0035
-.0800	0	0	0	0		.0100	.0059
-.0750	0	0	0	0		.0250	.0093
-.0700	0	0	0	0		.0500	.0123
-.0650	0	0	0	0		.1000	.0159
-.0600	0	0	0	0		.2500	.0225
-.0550	0	0	0	0		.5000	.0315
-.0500	0	0	0	0		.7500	.0434
-.0450	0	0	0	0		.9000	.0580
-.0400	0	0	0	0		.9500	.0696
-.0350	0	0	0	0		.9750	.0819
-.0300	0	0	0	0		.9900	.0999
-.0250	0	0	0	0		.9950	.1151
-.0200	0	0	0	0		.9975	.1319
-.0150	0	0	0	0			
-.0100	0	0	0	0			
-.0050	0	0	0	0			
-.0000	0	0	0	0			
.0050	0	0	0	0			
.0100	5	14	5	14	XXXXXXXXXXXXX		
.0150	10	31	6	17	XXXXXXXXXXXXXXXX		
.0200	19	57	9	26	XXXXXXXXXXXXXXXXXXXXXXXXXX		
.0250	33	98	14	41	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.0300	50	150	17	52	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.0350	66	197	16	47	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.0400	76	227	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
.0450	83	248	7	21	XXXXXXXXXXXXXXXXXXXX		
.0500	90	268	7	20	XXXXXXXXXXXXXXXXXXX		
.0550	93	278	3	10	XXXXXXXXX		
.0600	95	284	2	6	XXXXXX		
.0650	96	287	1	3	XXX		
.0700	97	290	1	3	XXX		
.0750	98	294	1	4	XXXX		
.0800	99	295	0	1	X		
.0850	99	295	0	0			
.0900	99	296	0	1	X		
.0950	99	297	0	1	X		
.1000	99	297	0	0			
.1050	99	297	0	0			
.1100	99	297	0	0			
.1150	99	297	0	0			
.1200	99	297	0	0			
.1250	100	298	0	1	X		
.1300	100	298	0	0			
.1350	100	298	0	0			
.1400	100	298	0	0			
.1450	100	298	0	0			
.1500	100	298	0	0			
.1550	100	298	0	0			
.1600	100	299	0	1	X		

DATA STATISTICS FOR LEAD,MG/L EACH SYMBOL EQUALS 1.0 COUNTS 2

MIN=	.01000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.01199036
MAX=	.23000000	BETA2 INSIDE TABLE--- NO		RATIO=	.62834964
		AVERAGE=	.03508693	COEF-VAR,PCT=	54.38578100
NO.OF POINTS=	299.	STD.DEVIATION=	.01908230	SQ.RT.BETA1=	4.26949080
NO.OF BLANKS=	0.	VARIANCE=	.00036413	BETA 2=	39.65016200

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB. OSMOLARITY,MOS/100

DUP040001943

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-560.0000	0	0	0	0	
-510.0000	0	0	0	0	
-460.0000	0	0	0	0	
-410.0000	0	0	0	0	
-360.0000	0	0	0	0	
-310.0000	0	0	0	0	
-260.0000	0	0	0	0	
-210.0000	0	0	0	0	
-160.0000	0	0	0	0	
-110.0000	0	0	0	0	
-60.0000	0	0	0	0	
-10.0000	0	0	0	0	
40.0000	0	0	0	0	
90.0000	1	2	1	2	XX
140.0000	1	2	0	0	
190.0000	2	7	2	5	XXXXX
240.0000	5	15	3	8	XXXXXXXX
290.0000	7	22	2	7	XXXXXXX
340.0000	11	34	4	12	XXXXXXXXXXX
390.0000	14	41	2	7	XXXXXXX
440.0000	19	56	5	15	XXXXXXXXXXXXXX
490.0000	23	70	5	14	XXXXXXXXXXXXX
540.0000	28	84	5	14	XXXXXXXXXXXXX
590.0000	33	99	5	15	XXXXXXXXXXXXXX
640.0000	40	120	7	21	XXXXXXXXXXXXXXXXXXXX
690.0000	46	138	6	18	XXXXXXXXXXXXXXXXX
740.0000	56	168	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
790.0000	67	199	10	31	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
840.0000	75	224	8	25	XXXXXXXXXXXXXXXXXXXXXXX
890.0000	86	257	11	33	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
940.0000	91	271	5	14	XXXXXXXXXXXXX
990.0000	94	282	4	11	XXXXXXXXXX
1040.0000	96	288	2	6	XXXXXX
1090.0000	99	295	2	7	XXXXXXX
1140.0000	99	297	1	2	XX
1190.0000	100	298	0	1	X
1240.0000	100	298	0	0	
1290.0000	100	298	0	0	
1340.0000	100	299	0	1	X
1390.0000	100	299	0	0	
1440.0000	100	299	0	0	
1490.0000	100	299	0	0	
1540.0000	100	299	0	0	
1590.0000	100	299	0	0	
1640.0000	100	299	0	0	
1690.0000	100	299	0	0	
1740.0000	100	299	0	0	
1790.0000	100	299	0	0	
1840.0000	100	299	0	0	
1890.0000	100	299	0	0	
1940.0000	100	299	0	0	

PROB.	AND MOMENT FI
.0025	29.8973
.0050	72.7263
.0100	123.0452
.0250	204.0746
.0500	279.7227
.1000	372.1764
.2500	533.3207
.5000	709.3747
.7500	866.8206
.9000	982.7800
.9500	1038.6635
.9750	1078.8775
.9900	1116.5401
.9950	1137.0873
.9975	1152.8491

DATA STATISTICS FOR OSMOLARITY,MOS/100 EACH SYMBOL EQUALS 1.0 COUNTS 3

MIN=	86.00000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	189.11891000
MAX=	1361.00000000	BETA2 INSIDE TABLE---YES		RATIO=	.81690238
		AVERAGE=	690.93644000	COEF-VAR,PCT=	33.50631700
NO.OF POINTS=	299.	STD.DEVIATION=	231.50736000	SQ.RT.BETA1=	-.36421251
NO.OF BLANKS=	0.	VARIANCE=	53595.65800000	BETA 2=	2.63962380

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB. LOG. MOS/L

DUP04001944

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
.1500	0	0	0	0	
.2000	0	0	0	0	
.2500	0	0	0	0	
.3000	0	0	0	0	
.3500	0	0	0	0	
.4000	0	0	0	0	
.4500	0	0	0	0	
.5000	0	1	0	1	X
.5500	0	1	0	0	
.6000	1	2	0	1	X
.6500	1	2	0	0	
.7000	1	4	1	2	XX
.7500	1	4	0	0	
.8000	2	6	1	2	XX
.8500	3	10	1	4	XXXX
.9000	6	17	2	7	XXXXXXX
.9500	6	19	1	2	XX
1.0000	9	27	3	8	XXXXXXXX
1.0500	13	39	4	12	XXXXXXXXXXXX
1.1000	16	47	3	8	XXXXXXXX
1.1500	17	52	2	5	XXXXX
1.2000	21	63	4	11	XXXXXXXXXX
1.2500	27	82	6	19	XXXXXXXXXXXXXXXXXX
1.3000	34	102	7	20	XXXXXXXXXXXXXXXXXXX
1.3500	39	116	5	14	XXXXXXXXXXXXX
1.4000	47	141	8	25	XXXXXXXXXXXXXXXXXXXXXXXX
1.4500	54	162	7	21	XXXXXXXXXXXXXXXXXXX
1.5000	64	191	10	29	XXXXXXXXXXXXXXXXXXXXXXXXXXX
1.5500	73	218	9	27	XXXXXXXXXXXXXXXXXXXXXXXXX
1.6000	82	246	9	28	XXXXXXXXXXXXXXXXXXXXXXXXXX
1.6500	89	265	6	19	XXXXXXXXXXXXXXXXX
1.7000	93	278	4	13	XXXXXXXXXXXX
1.7500	94	282	1	4	XXXX
1.8000	97	289	2	7	XXXXXXX
1.8500	100	298	3	9	XXXXXXXX
1.9000	100	299	0	1	X
1.9500	100	299	0	0	
2.0000	100	299	0	0	
2.0500	100	299	0	0	
2.1000	100	299	0	0	
2.1500	100	299	0	0	
2.2000	100	299	0	0	
2.2500	100	299	0	0	
2.3000	100	299	0	0	
2.3500	100	299	0	0	
2.4000	100	299	0	0	
2.4500	100	299	0	0	
2.5000	100	299	0	0	
2.5500	100	299	0	0	
2.6000	100	299	0	0	
2.6500	100	299	0	0	

PROB.	AND MOMENT FI
.0025	.5403
.0050	.6150
.0100	.6974
.0250	.8204
.0500	.9268
.1000	1.0482
.2500	1.2425
.5000	1.4360
.7500	1.5967
.9000	1.7091
.9500	1.7617
.9750	1.7992
.9900	1.8340
.9950	1.8529
.9975	1.8674

DATA STATISTICS FOR LOG. MOS/L

EACH SYMBOL EQUALS 1.0 COUNTS 4

MIN=	.47712000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.20500465
MAX=	1.87505999	BETA2 INSIDE TABLE---YES		RATIO=	.79726437
		AVERAGE=	1.40229024	COEF-VAR,PCT=	18.33679500
NO.OF POINTS=	299.	STD.DEVIATION=	.25713509	SQ.RT.BETA1=	-.66427207
NO.OF BLANKS=	0.	VARIANCE=	.06611846	BETA 2=	3.24455460

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB. LOG. MG DALA*U//

DUP0400019451

MID PT	CUM. PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90	PROB. AND MOMENT FIT	
1.5500	0	0	0	0		.0025	2.0050
1.6000	0	0	0	0		.0050	2.0926
1.6500	0	0	0	0		.0100	2.1864
1.7000	0	0	0	0		.0250	2.3207
1.7500	0	0	0	0		.0500	2.4309
1.8000	0	0	0	0		.1000	2.5490
1.8500	0	0	0	0		.2500	2.7189
1.9000	0	0	0	0		.5000	2.8592
1.9500	0	1	0	1	X	.7500	2.9471
2.0000	1	2	0	1	X	.9000	2.9890
2.0500	1	2	0	0		.9500	3.0021
2.1000	1	2	0	0		.9750	3.0088
2.1500	1	2	0	0		.9900	3.0130
2.2000	1	2	0	0		.9950	3.0145
2.2500	2	5	1	3	XXX	.9975	3.0154
2.3000	2	7	1	2	XX		
2.3500	3	10	1	3	XXX		
2.4000	5	15	2	5	XXXXX		
2.4500	7	20	2	5	XXXXX		
2.5000	9	27	2	7	XXXXXXX		
2.5500	13	38	4	11	XXXXXXXXXXX		
2.6000	15	44	2	6	XXXXXX		
2.6500	20	59	5	15	XXXXXXXXXXXXXXX		
2.7000	25	76	6	17	XXXXXXXXXXXXXXXXX		
2.7500	31	93	6	17	XXXXXXXXXXXXXXXXX		
2.8000	40	121	9	28	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		
2.8500	54	161	13	40	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
2.9000	71	211	17	50	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
2.9500	89	267	19	56	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
3.0000	96	286	6	19	XXXXXXXXXXXXXXXXXX		
3.0500	100	298	4	12	XXXXXXXXXXXX		
3.1000	100	298	0	0			
3.1500	100	299	0	1	X		
3.2000	100	299	0	0			
3.2500	100	299	0	0			
3.3000	100	299	0	0			
3.3500	100	299	0	0			
3.4000	100	299	0	0			
3.4500	100	299	0	0			
3.5000	100	299	0	0			
3.5500	100	299	0	0			
3.6000	100	299	0	0			
3.6500	100	299	0	0			
3.7000	100	299	0	0			
3.7500	100	299	0	0			
3.8000	100	299	0	0			
3.8500	100	299	0	0			
3.9000	100	299	0	0			
3.9500	100	299	0	0			
4.0000	100	299	0	0			
4.0500	100	299	0	0			

DATA STATISTICS FOR LOG. MG DALA*U// EACH SYMBOL EQUALS 1.0 COUNTS 5

MIN=	1.93449999	BETA1 INSIDE TABLE---YES		MEAN DEV=	.14195509
MAX=	3.13386000	BETA2 INSIDE TABLE---YES		RATIO=	.76209280
		AVERAGE=	2.80665200	COEF-VAR,PCT=	6.63673560
NO.OF POINTS=	299.	STD.DEVIATION=	.18627007	SQ.RT.BETA1=	-1.48482664
NO.OF BLANKS=	0.	VARIANCE=	.03469654	BETA 2=	5.66718740

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB.

DELTAALA MG/100 ML

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-.7100	0	0	0	0	
-.6700	0	0	0	0	
-.6300	0	0	0	0	
-.5900	0	0	0	0	
-.5500	0	0	0	0	
-.5100	0	0	0	0	
-.4700	0	0	0	0	
-.4300	0	0	0	0	
-.3900	0	0	0	0	
-.3500	0	0	0	0	
-.3100	0	0	0	0	
-.2700	0	0	0	0	
-.2300	0	0	0	0	
-.1900	0	0	0	0	
-.1500	0	0	0	0	
-.1100	0	0	0	0	
-.0700	0	0	0	0	
-.0300	0	0	0	0	
.0100	0	0	0	0	
.0500	2	6	2	6	XXXXXX
.0900	9	27	7	21	XXXXXXXXXXXXXXXXXXXX
.1300	17	52	8	25	XXXXXXXXXXXXXXXXXXXXXXXXX
.1700	28	82	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.2100	36	108	9	26	XXXXXXXXXXXXXXXXXXXXXXXXXX
.2500	47	141	11	33	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.2900	57	171	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.3300	66	197	9	26	XXXXXXXXXXXXXXXXXXXXXXXXXX
.3700	75	223	9	26	XXXXXXXXXXXXXXXXXXXXXXXXXX
.4100	82	245	7	22	XXXXXXXXXXXXXXXXXXXXX
.4500	87	260	5	15	XXXXXXXXXXXXXXX
.4900	91	271	4	11	XXXXXXXXXXX
.5300	94	279	3	8	XXXXXXXX
.5700	94	280	0	1	X
.6100	96	286	2	6	XXXXXX
.6500	97	288	1	2	XX
.6900	99	296	3	8	XXXXXXXX
.7300	100	297	0	1	X
.7700	100	298	0	1	X
.8100	100	298	0	0	
.8500	100	298	0	0	
.8900	100	298	0	0	
.9300	100	298	0	0	
.9700	100	298	0	0	
1.0100	100	298	0	0	
1.0500	100	298	0	0	
1.0900	100	298	0	0	
1.1300	100	298	0	0	
1.1700	100	298	0	0	
1.2100	100	298	0	0	
1.2500	100	298	0	0	
1.2900	100	298	0	0	

PROB.	AND MOMENT FI
.0025	.0365
.0050	.0422
.0100	.0502
.0250	.0662
.0500	.0847
.1000	.1125
.2500	.1760
.5000	.2721
.7500	.3907
.9000	.5089
.9500	.5811
.9750	.6427
.9900	.7117
.9950	.7564
.9975	.7956

DUP04001946

DATA STATISTICS FOR DELTAALA MG/100 ML EACH SYMBOL EQUALS 1.0 COUNTS 1

MIN=	.03000000	BETA1 INSIDE TABLE---YES	MEAN DEV= .12268375
MAX=	.75000000	BETA2 INSIDE TABLE---YES	RATIO= .80054832
		AVERAGE= .29446284	COEF-VAR.PCT= 52.04379900
NO.OF POINTS=	298.	STD.DEVIATION= .15324965	SQ.RT.BETA1= .68393614
NO.OF BLANKS=	0.	VARIANCE= .02348546	BETA 2= 3.12257390

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB.

LEAD,MG/L

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-.0660	0	0	0	0	
-.0620	0	0	0	0	
-.0580	0	0	0	0	
-.0540	0	0	0	0	
-.0500	0	0	0	0	
-.0460	0	0	0	0	
-.0420	0	0	0	0	
-.0380	0	0	0	0	
-.0340	0	0	0	0	
-.0300	0	0	0	0	
-.0260	0	0	0	0	
-.0220	0	0	0	0	
-.0180	0	0	0	0	
-.0140	0	0	0	0	
-.0100	0	0	0	0	
-.0060	0	0	0	0	
-.0020	0	0	0	0	
.0020	0	0	0	0	
.0060	0	0	0	0	
.0100	3	10	3	10	XXXXXXXXXX
.0140	8	23	4	13	XXXXXXXXXXXX
.0180	11	33	3	10	XXXXXXXXXX
.0220	22	65	11	32	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.0260	33	98	11	33	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.0300	47	140	14	42	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.0340	60	179	13	39	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.0380	72	214	12	35	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
.0420	78	232	6	18	XXXXXXXXXXXXXXXXX
.0460	83	248	5	16	XXXXXXXXXXXXXXXX
.0500	89	266	6	18	XXXXXXXXXXXXXXXXX
.0540	93	277	4	11	XXXXXXXXXX
.0580	94	280	1	3	XXX
.0620	96	285	2	5	XXXXX
.0660	96	287	1	2	XX
.0700	97	288	0	1	X
.0740	98	292	1	4	XXXX
.0780	99	295	1	3	XXX
.0820	99	295	0	0	
.0860	99	295	0	0	
.0900	99	296	0	1	X
.0940	100	297	0	1	X
.0980	100	297	0	0	
.1020	100	297	0	0	
.1060	100	297	0	0	
.1100	100	297	0	0	
.1140	100	297	0	0	
.1180	100	297	0	0	
.1220	100	297	0	0	
.1260	100	298	0	1	X
.1300	100	298	0	0	
.1340	100	298	0	0	

PROB.	AND MOMENT FI
.0025	.0071
.0050	.0085
.0100	.0102
.0250	.0127
.0500	.0151
.1000	.0181
.2500	.0238
.5000	.0317
.7500	.0419
.9000	.0539
.9500	.0629
.9750	.0720
.9900	.0846
.9950	.0946
.9975	.1053

DUP040001947

DATA STATISTICS FOR LEAD,MG/L

EACH SYMBOL EQUALS 1.0 COUNTS 2

MIN=	.01000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.01128815
MAX=	.12500000	BETA2 INSIDE TABLE---YES		RATIO=	.73322120
		AVERAGE=	.03443286	COEF-VAR,PCT=	44.71102700
NO.OF POINTS=	298.	STD.DEVIATION=	.01539529	SQ,RT,BETA1=	1.45230745
NO.OF BLANKS=	0.	VARIANCE=	.00023701	BETA 2=	7.63038080

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB. OSMOLARITY,MOS/100

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-560.0000	0	0	0	0	
-510.0000	0	0	0	0	
-460.0000	0	0	0	0	
-410.0000	0	0	0	0	
-360.0000	0	0	0	0	
-310.0000	0	0	0	0	
-260.0000	0	0	0	0	
-210.0000	0	0	0	0	
-160.0000	0	0	0	0	
-110.0000	0	0	0	0	
-60.0000	0	0	0	0	
-10.0000	0	0	0	0	
40.0000	0	0	0	0	
90.0000	1	2	1	2	XX
140.0000	1	2	0	0	
190.0000	2	7	2	5	XXXXX
240.0000	5	15	3	8	XXXXXXXX
290.0000	7	22	2	7	XXXXXXX
340.0000	11	34	4	12	XXXXXXXXXXXX
390.0000	14	41	2	7	XXXXXXX
440.0000	19	56	5	15	XXXXXXXXXXXXXXX
490.0000	23	70	5	14	XXXXXXXXXXXXXX
540.0000	28	84	5	14	XXXXXXXXXXXXXX
590.0000	33	99	5	15	XXXXXXXXXXXXXXX
640.0000	40	120	7	21	XXXXXXXXXXXXXXXXXXXXX
690.0000	46	138	6	18	XXXXXXXXXXXXXXXXXX
740.0000	56	168	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
790.0000	66	198	10	30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
840.0000	75	223	8	25	XXXXXXXXXXXXXXXXXXXXXXXXX
890.0000	86	256	11	33	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
940.0000	91	270	5	14	XXXXXXXXXXXXXX
990.0000	94	281	4	11	XXXXXXXXXXX
1040.0000	96	287	2	6	XXXXXX
1090.0000	99	294	2	7	XXXXXXX
1140.0000	99	296	1	2	XX
1190.0000	100	297	0	1	X
1240.0000	100	297	0	0	
1290.0000	100	297	0	0	
1340.0000	100	298	0	1	X
1390.0000	100	298	0	0	
1440.0000	100	298	0	0	
1490.0000	100	298	0	0	
1540.0000	100	298	0	0	
1590.0000	100	298	0	0	
1640.0000	100	298	0	0	
1690.0000	100	298	0	0	
1740.0000	100	298	0	0	
1790.0000	100	298	0	0	
1840.0000	100	298	0	0	
1890.0000	100	298	0	0	
1940.0000	100	298	0	0	

PROB. AND MOMENT FI	
.0025	30.4354
.0050	72.9768
.0100	123.0185
.0250	203.7125
.0500	279.1458
.1000	371.4391
.2500	532.5235
.5000	708.7767
.7500	866.6144
.9000	982.9939
.9500	1039.1200
.9750	1079.5251
.9900	1117.3754
.9950	1138.0263
.9975	1153.8650

DUP040001948

DATA STATISTICS FOR OSMOLARITY,MOS/100 EACH SYMBOL EQUALS 1.0 COUNTS 3

MIN=	86.00000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	189.40590000
MAX=	1361.00000000	BETA2 INSIDE TABLE---YES		RATIO=	.81713209
		AVERAGE=	690.53689000	COEF-VAR,PCT=	33.56714000
NO.OF POINTS=	298.	STD.DEVIATION=	231.79349000	SQ.RT.BETA1=	-.35937235
NO.OF BLANKS=	0.	VARIANCE=	53728.22200000	BETA 2=	2.63272800

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD MALES HASKELL LAB. LOG. MOS/L

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
.1500	0	0	0	0	
.2000	0	0	0	0	
.2500	0	0	0	0	
.3000	0	0	0	0	
.3500	0	0	0	0	
.4000	0	0	0	0	
.4500	0	0	0	0	
.5000	0	1	0	1	X
.5500	0	1	0	0	
.6000	1	2	0	1	X
.6500	1	2	0	0	
.7000	1	4	1	2	XX
.7500	1	4	0	0	
.8000	2	6	1	2	XX
.8500	3	10	1	4	XXXX
.9000	6	17	2	7	XXXXXXX
.9500	6	19	1	2	XX
1.0000	9	27	3	8	XXXXXXXX
1.0500	13	39	4	12	XXXXXXXXXXXX
1.1000	16	47	3	8	XXXXXXXX
1.1500	17	52	2	5	XXXXX
1.2000	21	63	4	11	XXXXXXXXXXX
1.2500	28	82	6	19	XXXXXXXXXXXXXXXXXXX
1.3000	34	102	7	20	XXXXXXXXXXXXXXXXXXXX
1.3500	39	116	5	14	XXXXXXXXXXXXXX
1.4000	47	141	8	25	XXXXXXXXXXXXXXXXXXXXXXXXX
1.4500	54	161	7	20	XXXXXXXXXXXXXXXXXXXX
1.5000	64	190	10	29	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.5500	73	217	9	27	XXXXXXXXXXXXXXXXXXXXXXXXXX
1.6000	82	245	9	28	XXXXXXXXXXXXXXXXXXXXXXXXXXX
1.6500	89	264	6	19	XXXXXXXXXXXXXXXXXX
1.7000	93	277	4	13	XXXXXXXXXXXX
1.7500	94	281	1	4	XXXX
1.8000	97	288	2	7	XXXXXXX
1.8500	100	297	3	9	XXXXXXXXX
1.9000	100	298	0	1	X
1.9500	100	298	0	0	
2.0000	100	298	0	0	
2.0500	100	298	0	0	
2.1000	100	298	0	0	
2.1500	100	298	0	0	
2.2000	100	298	0	0	
2.2500	100	298	0	0	
2.3000	100	298	0	0	
2.3500	100	298	0	0	
2.4000	100	298	0	0	
2.4500	100	298	0	0	
2.5000	100	298	0	0	
2.5500	100	298	0	0	
2.6000	100	298	0	0	
2.6500	100	298	0	0	

PROB. AND MOMENT FI	
.0025	.5406
.0050	.6149
.0100	.6969
.0250	.8196
.0500	.9259
.1000	1.0473
.2500	1.2419
.5000	1.4359
.7500	1.5969
.9000	1.7096
.9500	1.7623
.9750	1.7997
.9900	1.8344
.9950	1.8532
.9975	1.8677

DUP04000194

DATA STATISTICS FOR LOG. MOS/L EACH SYMBOL EQUALS 1.0 COUNTS 4

MIN=	.47712000	BETA1 INSIDE TABLE---YES	MEAN DEV= .20556107
MAX=	1.67505999	BETA2 INSIDE TABLE---YES	RATIO= .79812679
		AVERAGE= 1.40213966	COEF-VAR,PCT= 18.36867000
NO.OF POINTS=	298.	STD.DEVIATION= .25755440	SQ.RT.BETA1= -.66152269
NO.OF BLANKS=	0.	VARIANCE= .06633427	BETA 2= 3.23277830

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
1.5500	0	0	0	0	
1.6000	0	0	0	0	
1.6500	0	0	0	0	
1.7000	0	0	0	0	
1.7500	0	0	0	0	
1.8000	0	0	0	0	
1.8500	0	0	0	0	
1.9000	0	0	0	0	
1.9500	0	1	0	1	X
2.0000	1	2	0	1	X
2.0500	1	2	0	0	
2.1000	1	2	0	0	
2.1500	1	2	0	0	
2.2000	1	2	0	0	
2.2500	2	5	1	3	XXX
2.3000	2	7	1	2	XX
2.3500	3	10	1	3	XXX
2.4000	5	15	2	5	XXXXX
2.4500	7	20	2	5	XXXXX
2.5000	9	27	2	7	XXXXXXX
2.5500	13	38	4	11	XXXXXXXXXX
2.6000	15	44	2	6	XXXXXX
2.6500	20	59	5	15	XXXXXXXXXXXXXXX
2.7000	26	76	6	17	XXXXXXXXXXXXXXXX
2.7500	31	93	6	17	XXXXXXXXXXXXXXXX
2.8000	41	121	9	28	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.8500	54	161	13	40	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.9000	70	210	16	49	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.9500	89	266	19	56	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.0000	96	285	6	19	XXXXXXXXXXXXXXXXX
3.0500	100	297	4	12	XXXXXXXXXXX
3.1000	100	297	0	0	
3.1500	100	298	0	1	X
3.2000	100	298	0	0	
3.2500	100	298	0	0	
3.3000	100	298	0	0	
3.3500	100	298	0	0	
3.4000	100	298	0	0	
3.4500	100	298	0	0	
3.5000	100	298	0	0	
3.5500	100	298	0	0	
3.6000	100	298	0	0	
3.6500	100	298	0	0	
3.7000	100	298	0	0	
3.7500	100	298	0	0	
3.8000	100	298	0	0	
3.8500	100	298	0	0	
3.9000	100	298	0	0	
3.9500	100	298	0	0	
4.0000	100	298	0	0	
4.0500	100	298	0	0	

PROB.	AND MOMENT FIT
.0025	2.0048
.0050	2.0923
.0100	2.1860
.0250	2.3202
.0500	2.4302
.1000	2.5484
.2500	2.7183
.5000	2.8588
.7500	2.9470
.9000	2.9891
.9500	3.0024
.9750	3.0092
.9900	3.0136
.9950	3.0152
.9975	3.0161

DATA STATISTICS FOR LOG. MG DALA*U// EACH SYMBOL EQUALS 1.0 COUNTS 5

MIN=	1.93449999	BETA1 INSIDE TABLE---YES		MEAN DEV=	.14218450
MAX=	3.13386000	BETA2 INSIDE TABLE---YES		RATIO=	.76242637
		AVERAGE=	2.80631030	COEF-VAR.PCT=	6.64536190
NO.OF POINTS=	298.	STD.DEVIATION=	.18648948	SQ.RT.BETA1=	-1.47962606
NO.OF BLANKS=	0.	VARIANCE=	.03477833	BETA 2=	5.64839230

DUD04000150

ESL-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD FEMALES HASKELL LAB.

DELTAALA MG/100 ML

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-.5200	0	0	0	0	
-.4900	0	0	0	0	
-.4600	0	0	0	0	
-.4300	0	0	0	0	
-.4000	0	0	0	0	
-.3700	0	0	0	0	
-.3400	0	0	0	0	
-.3100	0	0	0	0	
-.2800	0	0	0	0	
-.2500	0	0	0	0	
-.2200	0	0	0	0	
-.1900	0	0	0	0	
-.1600	0	0	0	0	
-.1300	0	0	0	0	
-.1000	0	0	0	0	
-.0700	0	0	0	0	
-.0400	0	0	0	0	
-.0100	0	0	0	0	
.0200	0	0	0	0	
.0500	4	3	4	3	XXX
.0800	12	8	7	5	XXXXX
.1100	16	11	4	3	XXX
.1400	33	23	17	12	XXXXXXXXXXX
.1700	45	31	12	8	XXXXXXXX
.2000	52	36	7	5	XXXXX
.2300	68	47	16	11	XXXXXXXXXX
.2600	80	55	12	8	XXXXXXXX
.2900	81	56	1	1	X
.3200	83	57	1	1	X
.3500	84	58	1	1	X
.3800	86	59	1	1	X
.4100	87	60	1	1	X
.4400	88	61	1	1	X
.4700	90	62	1	1	X
.5000	94	65	4	3	XXX
.5300	97	67	3	2	XX
.5600	97	67	0	0	
.5900	97	67	0	0	
.6200	97	67	0	0	
.6500	99	68	1	1	X
.6800	100	69	1	1	X
.7100	100	69	0	0	
.7400	100	69	0	0	
.7700	100	69	0	0	
.8000	100	69	0	0	
.8300	100	69	0	0	
.8600	100	69	0	0	
.8900	100	69	0	0	
.9200	100	69	0	0	
.9500	100	69	0	0	
.9800	100	69	0	0	

PROB.	AND MOMENT FI
.0025	.0872
.0050	.0873
.0100	.0876
.0250	.0886
.0500	.0908
.1000	.0962
.2500	.1202
.5000	.1866
.7500	.3054
.9000	.4432
.9500	.5283
.9750	.5982
.9900	.6710
.9950	.7141
.9975	.7489

DUP040001951

DATA STATISTICS FOR DELTAALA MG/100 ML EACH SYMBOL EQUALS 1.0 COUNTS 1

MIN=	.05000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.10436485
MAX=	.66999999	BETA2 INSIDE TABLE---YES		RATIO=	.73719041
		AVERAGE=	.23246373	COEF-VAR,PCT=	60.90029000
NO.OF POINTS=	69.	STD.DEVIATION=	.14157109	SQ.RT,BETA1=	1.26358873
NO.OF BLANKS=	0.	VARIANCE=	.02004237	BETA 2=	4.15633170

ANALYSIS OF DELTA ALA ON URINE LEAD FEMALES HASKELL LAB.

MID PT	CUM PC	CUM	PC	CNTS	0 ... 10 ... 20 ... 30 ... 40 ... 50 ... 60 ... 70 ... 80 ... 90 LEAD,MG/L
-.0930	0	0	0	0	
-.0880	0	0	0	0	
-.0830	0	0	0	0	
-.0780	0	0	0	0	
-.0730	0	0	0	0	
-.0680	0	0	0	0	
-.0630	0	0	0	0	
-.0580	0	0	0	0	
-.0530	0	0	0	0	
-.0480	0	0	0	0	
-.0430	0	0	0	0	
-.0380	0	0	0	0	
-.0330	0	0	0	0	
-.0280	0	0	0	0	
-.0230	0	0	0	0	
-.0180	0	0	0	0	
-.0130	0	0	0	0	
-.0080	0	0	0	0	
-.0030	0	0	0	0	
.0020	0	0	0	0	
.0070	0	0	0	0	
.0120	13	9	13	9	XXXXXXXXX
.0170	23	16	10	7	XXXXXXX
.0220	38	26	14	10	XXXXXXXXXX
.0270	48	33	10	7	XXXXXXX
.0320	71	49	23	16	XXXXXXXXXXXXXXXX
.0370	80	55	9	6	XXXXXX
.0420	87	60	7	5	XXXXX
.0470	90	62	3	2	XX
.0520	91	63	1	1	X
.0570	93	64	1	1	X
.0620	94	65	1	1	X
.0670	96	66	1	1	X
.0720	96	66	0	0	
.0770	97	67	1	1	X
.0820	97	67	0	0	
.0870	97	67	0	0	
.0920	97	67	0	0	
.0970	97	67	0	0	
.1020	97	67	0	0	
.1070	99	68	1	1	X
.1120	99	68	0	0	
.1170	99	68	0	0	
.1220	99	68	0	0	
.1270	99	68	0	0	
.1320	100	69	1	1	X
.1370	100	69	0	0	
.1420	100	69	0	0	
.1470	100	69	0	0	
.1520	100	69	0	0	
.1570	100	69	0	0	

PROB. AND MOMENT FI

.0025	.0019
.0050	.0030
.0100	.0044
.0250	.0066
.0500	.0088
.1000	.0118
.2500	.0182
.5000	.0277
.7500	.0409
.9000	.0576
.9500	.0707
.9750	.0844
.9900	.1038
.9950	.1198
.9975	.1371

DUP040001952

DATA STATISTICS FOR LEAD,MG/L — EACH SYMBOL EQUALS 1.0 COUNTS 2

MIN=	.01000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.01308013
MAX=	.13400000	BETA2 INSIDE TABLE--- NO		RATIO=	.63340053
		AVERAGE=	.03218840	COEF-VAR,PCT=	64.15556900
NO.OF POINTS=	69.	STD.DEVIATION=	.02065065	SQ.RT.BETA1=	2.56501740
NO.OF BLANKS=	0.	VARIANCE=	.00042645	BETA 2=	11.91274780

LSU-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD FEMALES HASKELL LAB. OSMOLARITY,MOS/100

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-680.0000	0	0	0	0	
-630.0000	0	0	0	0	
-580.0000	0	0	0	0	
-530.0000	0	0	0	0	
-480.0000	0	0	0	0	
-430.0000	0	0	0	0	
-380.0000	0	0	0	0	
-330.0000	0	0	0	0	
-280.0000	0	0	0	0	
-230.0000	0	0	0	0	
-180.0000	0	0	0	0	
-130.0000	0	0	0	0	
-80.0000	0	0	0	0	
-30.0000	0	0	0	0	
20.0000	0	0	0	0	
70.0000	0	0	0	0	
120.0000	0	0	0	0	
170.0000	1	1	1	1	X
220.0000	4	3	3	2	XX
270.0000	7	5	3	2	XX
320.0000	16	11	9	6	XXXXXX
370.0000	26	18	10	7	XXXXXXX
420.0000	36	25	10	7	XXXXXXX
470.0000	41	28	4	3	XXX
520.0000	45	31	4	3	XXX
570.0000	55	38	10	7	XXXXXXX
620.0000	59	41	4	3	XXX
670.0000	62	43	3	2	XX
720.0000	72	50	10	7	XXXXXXX
770.0000	81	56	9	6	XXXXXX
820.0000	87	60	6	4	XXXX
870.0000	91	63	4	3	XXX
920.0000	97	67	6	4	XXXX
970.0000	99	68	1	1	X
1020.0000	99	68	0	0	
1070.0000	100	69	1	1	X
1120.0000	100	69	0	0	
1170.0000	100	69	0	0	
1220.0000	100	69	0	0	
1270.0000	100	69	0	0	
1320.0000	100	69	0	0	
1370.0000	100	69	0	0	
1420.0000	100	69	0	0	
1470.0000	100	69	0	0	
1520.0000	100	69	0	0	
1570.0000	100	69	0	0	
1620.0000	100	69	0	0	
1670.0000	100	69	0	0	
1720.0000	100	69	0	0	
1770.0000	100	69	0	0	
1820.0000	100	69	0	0	

PROB.	AND MOMENT FI
.0025	198.0264
.0050	201.2218
.0100	206.8480
.0250	221.4673
.0500	242.9639
.1000	281.9798
.2500	389.3806
.5000	564.9885
.7500	756.8643
.9000	896.7832
.9500	955.8713
.9750	992.3273
.9900	1020.3011
.9950	1032.4896
.9975	1040.1484

DUP040001953

DATA STATISTICS FOR OSMOLARITY,MOS/100 EACH SYMBOL EQUALS 1.0 COUNTS 3

MIN=	185.00000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	194.39894000
MAX=	1090.00000000	BETA2 INSIDE TABLE---YES		RATIO=	.86947299
		AVERAGE=	578.04347000	COEF-VAR,PCT=	38.67918300
NO.OF POINTS=	69.	STD.DEVIATION=	223.58250000	SQ.RT.BETA1=	.17541673
NO.OF BLANKS=	0.	VARIANCE=	49989.13300000	BETA 2=	1.97616956

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD FEMALES HASKELL LAB. OSMOLARITY,MOS/100

DUP040001954

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-680.0000	0	0	0	0	
-630.0000	0	0	0	0	
-580.0000	0	0	0	0	
-530.0000	0	0	0	0	
-480.0000	0	0	0	0	
-430.0000	0	0	0	0	
-380.0000	0	0	0	0	
-330.0000	0	0	0	0	
-280.0000	0	0	0	0	
-230.0000	0	0	0	0	
-180.0000	0	0	0	0	
-130.0000	0	0	0	0	
-80.0000	0	0	0	0	
-30.0000	0	0	0	0	
20.0000	0	0	0	0	
70.0000	0	0	0	0	
120.0000	0	0	0	0	
170.0000	1	1	1	1	X
220.0000	4	3	3	2	XX
270.0000	7	5	3	2	XX
320.0000	16	11	9	6	XXXXXX
370.0000	26	18	10	7	XXXXXXX
420.0000	36	25	10	7	XXXXXXX
470.0000	41	28	4	3	XXX
520.0000	45	31	4	3	XXX
570.0000	55	38	10	7	XXXXXXX
620.0000	59	41	4	3	XXX
670.0000	62	43	3	2	XX
720.0000	72	50	10	7	XXXXXXX
770.0000	81	56	9	6	XXXXXX
820.0000	87	60	6	4	XXXX
870.0000	91	63	4	3	XXX
920.0000	97	67	6	4	XXXX
970.0000	99	68	1	1	X
1020.0000	99	68	0	0	
1070.0000	100	69	1	1	X
1120.0000	100	69	0	0	
1170.0000	100	69	0	0	
1220.0000	100	69	0	0	
1270.0000	100	69	0	0	
1320.0000	100	69	0	0	
1370.0000	100	69	0	0	
1420.0000	100	69	0	0	
1470.0000	100	69	0	0	
1520.0000	100	69	0	0	
1570.0000	100	69	0	0	
1620.0000	100	69	0	0	
1670.0000	100	69	0	0	
1720.0000	100	69	0	0	
1770.0000	100	69	0	0	
1820.0000	100	69	0	0	

PROB.	AND MOMENT FIT
.0025	198.0264
.0050	201.2218
.0100	206.8480
.0250	221.4673
.0500	242.9639
.1000	281.9798
.2500	389.3806
.5000	564.9885
.7500	756.8643
.9000	896.7832
.9500	955.8713
.9750	992.3273
.9900	1020.3011
.9950	1032.4896
.9975	1040.1484

DATA STATISTICS FOR OSMOLARITY,MOS/100 EACH SYMBOL EQUALS 1.0 COUNTS 3

MIN=	185.00000000	BETA1 INSIDE TABLE---YES		MEAN DEV=	194.39894000
MAX=	1090.00000000	BETA2 INSIDE TABLE---YES		RATIO=	.86947299
		AVERAGE=	578.04347000	COEF-VAR,PCT=	38.67918300
NO.OF POINTS=	69.	STD.DEVIATION=	223.58250000	SQ.RT.BETA1=	.17541673
NO.OF BLANKS=	0.	VARIANCE=	49989.13300000	BETA 2=	1.97616956

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD FEMALES HASKELL LAB. LOG, MOS/L

DUP040001955

MID PT.	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90
-.0500	0	0	0	0	
.0000	0	0	0	0	
.0500	0	0	0	0	
.1000	0	0	0	0	
.1500	0	0	0	0	
.2000	0	0	0	0	
.2500	0	0	0	0	
.3000	0	0	0	0	
.3500	0	0	0	0	
.4000	0	0	0	0	
.4500	0	0	0	0	
.5000	0	0	0	0	
.5500	0	0	0	0	
.6000	0	0	0	0	
.6500	0	0	0	0	
.7000	3	2	3	2	XX
.7500	3	2	0	0	
.8000	4	3	1	1	X
.8500	12	8	7	5	XXXXX
.9000	12	8	0	0	
.9500	12	8	0	0	
1.0000	14	10	3	2	XX
1.0500	16	11	1	1	X
1.1000	22	15	6	4	XXXX
1.1500	29	20	7	5	XXXXX
1.2000	35	24	6	4	XXXX
1.2500	45	31	10	7	XXXXXXX
1.3000	52	36	7	5	XXXXX
1.3500	64	44	12	8	XXXXXXXX
1.4000	72	50	9	6	XXXXXX
1.4500	81	56	9	6	XXXXXX
1.5000	83	57	1	1	X
1.5500	84	58	1	1	X
1.6000	87	60	3	2	XX
1.6500	90	62	3	2	XX
1.7000	97	67	7	5	XXXXX
1.7500	97	67	0	0	
1.8000	99	68	1	1	X
1.8500	100	69	1	1	X
1.9000	100	69	0	0	
1.9500	100	69	0	0	
2.0000	100	69	0	0	
2.0500	100	69	0	0	
2.1000	100	69	0	0	
2.1500	100	69	0	0	
2.2000	100	69	0	0	
2.2500	100	69	0	0	
2.3000	100	69	0	0	
2.3500	100	69	0	0	
2.4000	100	69	0	0	
2.4500	100	69	0	0	

PROB.	MOMENT FIT
.0025	.5372
.0050	.5948
.0100	.6589
.0250	.7561
.0500	.8420
.1000	.9429
.2500	1.1132
.5000	1.3002
.7500	1.4785
.9000	1.6268
.9500	1.7087
.9750	1.7750
.9900	1.8461
.9950	1.8909
.9975	1.9295

DATA STATISTICS FOR LOG, MOS/L EACH SYMBOL EQUALS 1.0 COUNTS 4

MIN=	.69897000	BETA1 INSIDE TABLE---YES	MEAN DEV= .20580238
MAX=	1.82607000	BETA2 INSIDE TABLE---YES	RATIO= .78209155
		AVERAGE= 1.29103522	COEF-VAR,PCT= 20.38237200
NO.OF POINTS=	69.	STD.DEVIATION= .26314360	SQ.RT.BETA1= -.18628767
NO.OF BLANKS=	0.	VARIANCE= .06924455	BETA 2= 2.79565510

ESD-MATH. AND STAT. GROUP-STATISTICAL PARAMETERS AND HISTOGRAMS(HISTO)

ANALYSIS OF DELTA ALA ON URINE LEAD FEMALES HASKELL LAB, LOG, MG DALA*U//

DUP040001956

MID PT	CUM PC	CUM	PC	CNTS	0 10 20 30 40 50 60 70 80 90	PROB. AND MOMENT FI1	
1.4700	0	0	0	0		.0025	2.2421
1.5200	0	0	0	0		.0050	2.2612
1.5700	0	0	0	0		.0100	2.2868
1.6200	0	0	0	0		.0250	2.3350
1.6700	0	0	0	0		.0500	2.3868
1.7200	0	0	0	0		.1000	2.4575
1.7700	0	0	0	0		.2500	2.5945
1.8200	0	0	0	0		.5000	2.7505
1.8700	0	0	0	0		.7500	2.8784
1.9200	0	0	0	0		.9000	2.9544
1.9700	0	0	0	0		.9500	2.9825
2.0200	0	0	0	0		.9750	2.9986
2.0700	0	0	0	0		.9900	3.0101
2.1200	0	0	0	0		.9950	3.0148
2.1700	0	0	0	0		.9975	3.0176
2.2200	0	0	0	0			
2.2700	3	2	3	2	XX		
2.3200	4	3	1	1	X		
2.3700	4	3	0	0			
2.4200	6	4	1	1	X		
2.4700	12	8	6	4	XXXX		
2.5200	16	11	4	3	XXX		
2.5700	26	18	10	7	XXXXXXX		
2.6200	36	25	10	7	XXXXXXX		
2.6700	42	29	6	4	XXXX		
2.7200	49	34	7	5	XXXXX		
2.7700	57	39	7	5	XXXXX		
2.8200	62	43	6	4	XXXX		
2.8700	81	56	19	13	XXXXXXXXXXXXX		
2.9200	90	62	9	6	XXXXXX		
2.9700	99	68	9	6	XXXXXX		
3.0200	100	69	1	1	X		
3.0700	100	69	0	0			
3.1200	100	69	0	0			
3.1700	100	69	0	0			
3.2200	100	69	0	0			
3.2700	100	69	0	0			
3.3200	100	69	0	0			
3.3700	100	69	0	0			
3.4200	100	69	0	0			
3.4700	100	69	0	0			
3.5200	100	69	0	0			
3.5700	100	69	0	0			
3.6200	100	69	0	0			
3.6700	100	69	0	0			
3.7200	100	69	0	0			
3.7700	100	69	0	0			
3.8200	100	69	0	0			
3.8700	100	69	0	0			
3.9200	100	69	0	0			
3.9700	100	69	0	0			

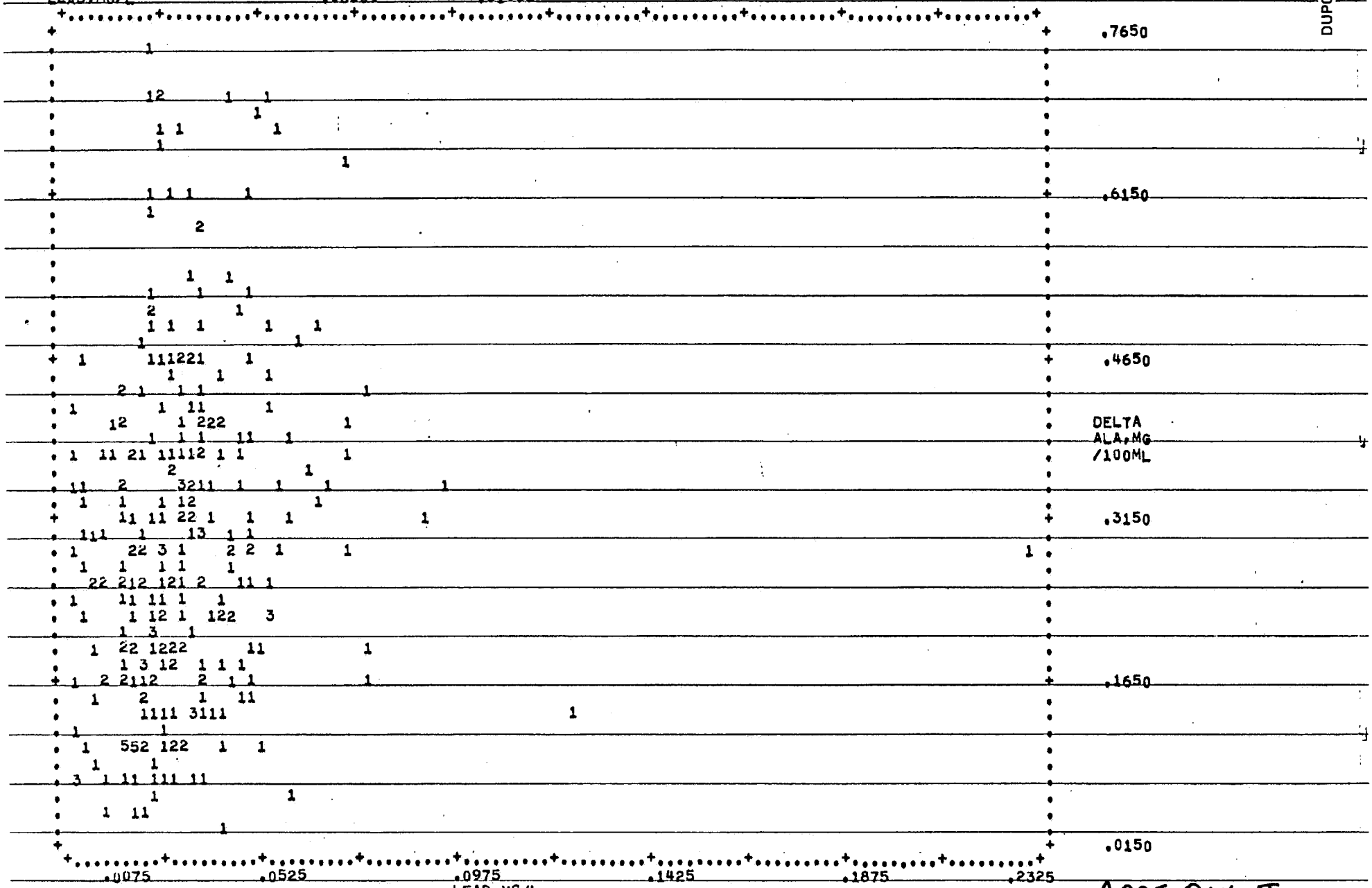
DATA STATISTICS FOR LOG, MG DALA*U// EACH SYMBOL EQUALS 1.0 COUNTS 5

MIN=	2.26717000	BETA1 INSIDE TABLE---YES		MEAN DEV=	.15834231
MAX=	3.03743000	BETA2 INSIDE TABLE---YES		RATIO=	.85623827
		AVERAGE=	2.72599840	COEF-VAR,PCT=	6.78385780
NO.OF POINTS=	69.	STD.DEVIATION=	.18492786	SQ.RT.BETA1=	-.46902144
NO.OF BLANKS=	0.	VARIANCE=	.03419831	BETA 2=	2.38100650

ANALYSIS OF DELTA - ALA ,LEAD HASKELL LAB, MALES

NPTS= 299 NOUT= 0 NMISS= 0 R= .1544

VARIABLE	MEAN	STD DEV
DELTA ALA,MG/100ML	.29441	.15299
LEAD,MG/L	.03509	.01908



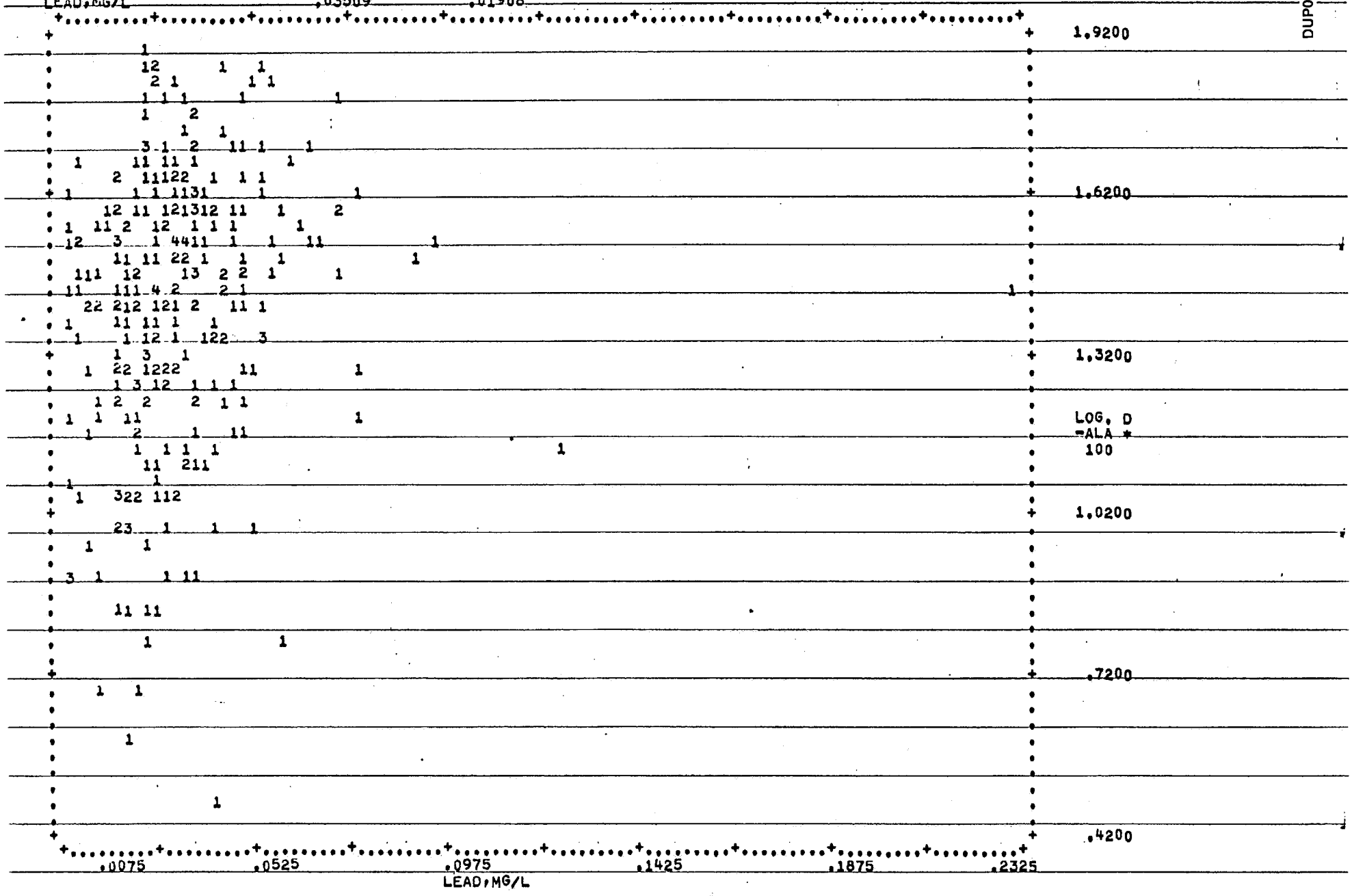
DUP040001957

APPENDIX II
SCATTER DIAGRAMS

ANALYSIS OF DELTA = ALA ,LEAD HASKELL LAB. SALES

NP1S= 299 NOUT= 0 NMISS= 0 R= .1705

VARIABLE	MEAN	STD DEV
LOG. D-ALA * 100	1.40229	.25714
LEAD,MG/L	.03509	.01908

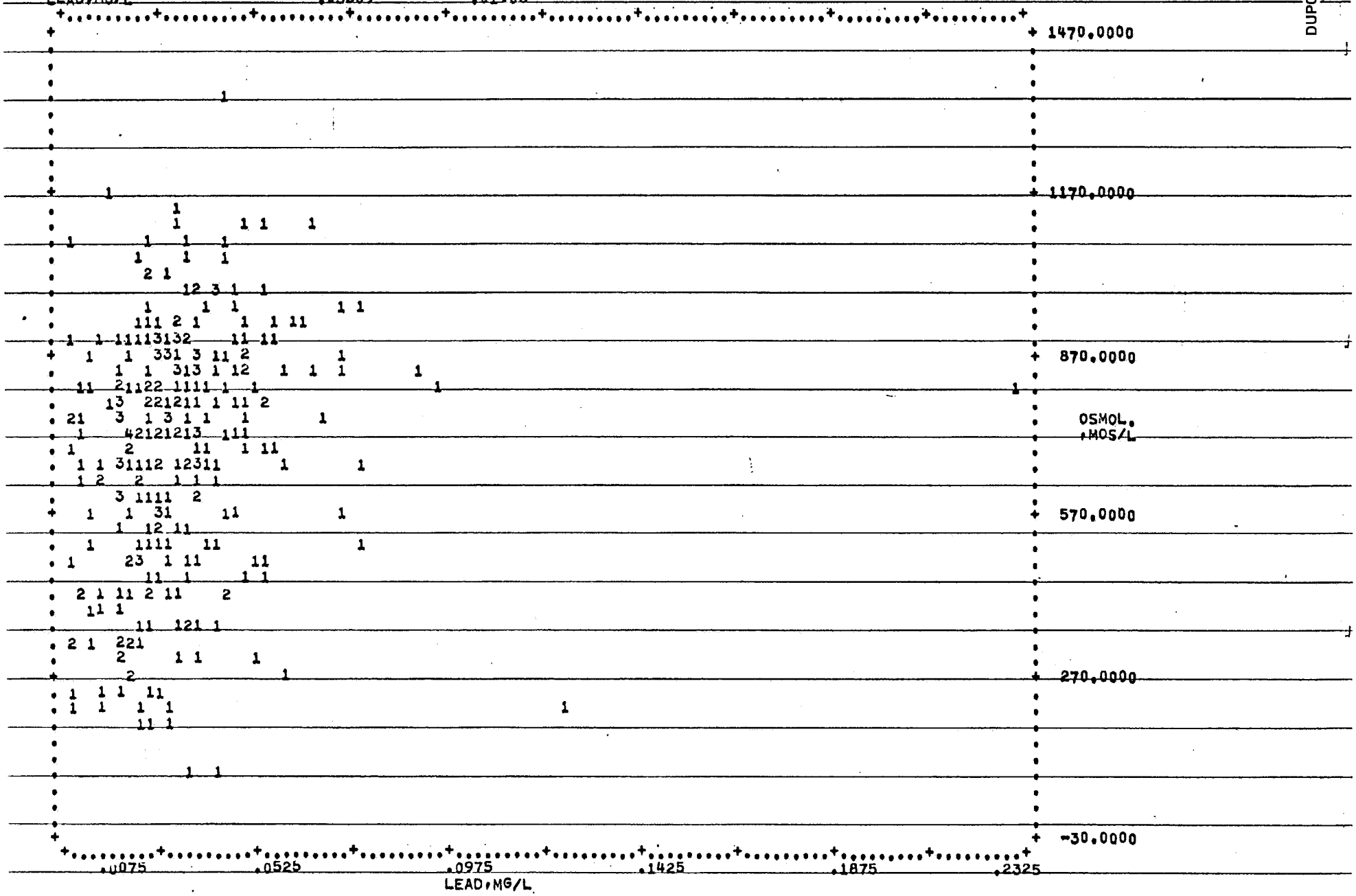


DUP040001958

ANALYSIS OF DELTA = ALA ,LEAD HASKELL LAB. MALES

NPTS= 299 NOUT= 0 NMISS= 0 R= .1840

VARIABLE	MEAN	STD DEV
OSMOL.,MOS/L	690.93644	231.50735
LEAD,MG/L	.03509	.01908



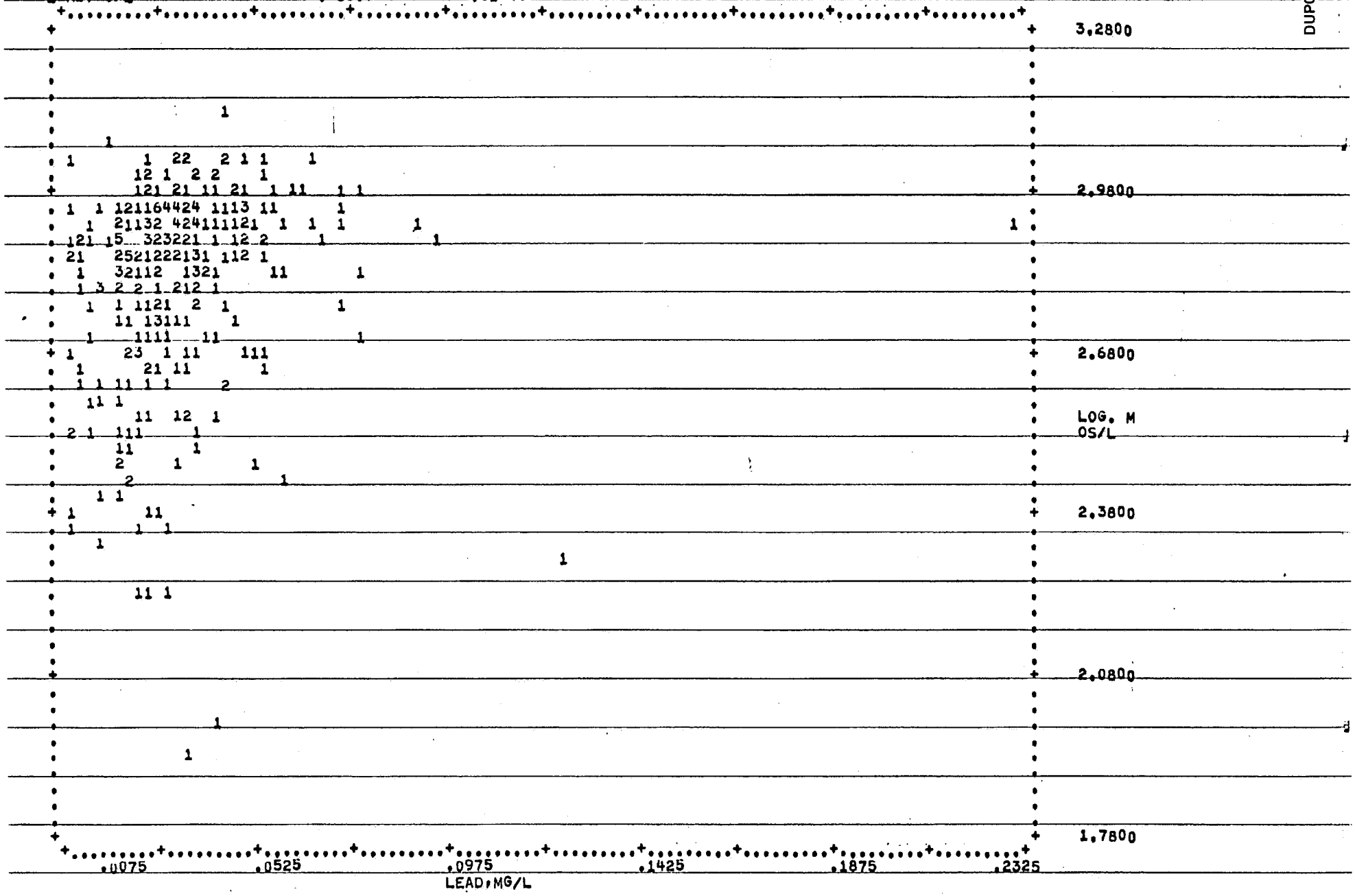
DUP040001959

ANALYSIS OF DELTA - ALA ,LEAD HASKELL LAB, MALES

NPTS= 299 NOUT= 0 NMISS= 0 R= ,1555

VARIABLE	MEAN	STD DEV
LOG, MOS/L	2,80665	,18627
LEAD,MG/L	,03509	,01908

DUP040001960



ANALYSIS OF DELTA - ALA ,LEAD HASKELL LAB, MALES
NPTS= 299 NOUT= 0 NMISS= 0 R= .7673

DUP040001961

VARIABLE	MEAN	STD DEV
LOG, D-ALA * 100	1.40229	.25714
LOG, MOS/L	2.80665	.18627

