Egg Samples @ So 2nd St 10-18-71
J7300 [illegible]
Toxicity, Reproduction, and Residue Study on Aroclor in White Leghorn [illegible]

Eggs So 2nd St

42-10	9-5-69	
42-10	9-24-69	
42-10	9-26-69	
42-10	9-28-69	
42-10	9-30-69	
42-10	11-12-69	X
42-10	11-18-69	X
42-10	11-24-69	X
42-100	8-21-69	
42-100	9-5-69	
42-100	9-24-69	
42-100	9-26-69	
42-100	9-28-69	
42-100	10-24-69	X
42-100	10-29-69	X
42-100	11-5-69	X
42-100	11-12-69	? (10-15-69)

54-?	?	
54(?)-1	?	?
54-1	9-5-69	
54-1	11-18-69	X
54-1	11-24-69	X
54-100	9-5-69	
54-100	9-10-69	
54-100	9-26-69	
54-100	9-28-69	
54-100	9-29-69	
54-100	9-30-69	
54-100	11-5-69	X
54-100	11-12-69	? (10-15-[illegible]

60-1	9-5-69	
60-1	9-24-69	
60-1	9-26-69	
60-1	9-28-69	
60-1	9-30-69	
60-1	11-24-69	X
60-1	1-18-69	? (11-18-69) X
60-10	9-5-69	
60-10	11-18-69	X
60-10	11-24-69	X

DSW 321300

STLCOPCB4072880

grange	sac	date	wk
Control	Final	12-10-69	30th
42-1	"	12-11-69	30th
42-10	"	12-11-69	30th
42-100	"	11-12-69	26th
54-1	"	12-3-69	29th
54-10	"	12-10-69	30th
54-100	"	11-12-69	26th
60-1	"	12-11-69	30th
60-10	"	12-10-69	30th
60-100	"	12-3-69	29th

If final sacrifice was 26th week ~ 11-12-69
(42-100 & 54-100)

egg samples should have been taken for:

25th wk	11-5-69
24	10-29-69
23	10-22-69
22	10-15-69
22	10-15-69
0	5-14-69

If final sacrifice was 29th week ~ 12-3-69
(54-1 & 6-100)

28th wk	11-26-69
27	11-19-69
26	11-12-69
25	11-5-69
25	11-5-69

DSW 321301

If the final sacrifice was 30th week ~ 12-10-69

(42-1,610, 54-10, 60-1,610)

29 th wk	12-3-69
28	11-26-69
27	11-19-69
26	11-12-69
26	11-12-69
0	5-14-69

DSW 321302

Chicken Tissues @ So End St

10-18-11
Mus

J 7300

Toxicity Reproduction and Residue Study on Aroclor in White Leghorn Chickens

						Rag
Cont	♂	M K L F	Pen 1	Res	10-1-69	1
"	♀	M K L F		"	"	
54-10	♂	M K L F		Res	11-10-69	2
"	♀	M K L F		"	"	
42-1	♂	M K L F	Pen 2	Res	10-1-69	3
"	♀	"		"	"	
42-10	♂	M K L F	Pen 3	Res	10-1-69	4
"	♀	"		"		
42-100	♂	M K L F	Pen 4	Res	10-1-69	
"	♀	"		"	10-13-69	
54-1	♂	M K L F		Res	10-1-69	
"	♀	"		"	10-1-69	
54-100	♂	"		"	10-13-69	
"	♀	"		"	"	
60-1	♂	"		"	10-11-69	
"	♀	"		"	"	
60-10	♂	"		"	11-11-69	
"	♀	"		"	"	
60-100	♂	"		"	(10-3-69?) ?	
"	♀	"		"	?	

DSW 321303

STLCOPCB4072883

Chicken Tissues @ So 2nd St

Cnt	♂	MKLF	Final	12-10-69	1
"	♀	"	"	"	
42-1	♂	MKLF	"	12-11-69	1
"	♀	"	"	" "	
42-10	♂	MKLF	"	12-3-69	1
"	♀	"	"	"	
42-100	♂	MKLF	Final Sac	11-12-69	11
"	♀	"	"	11-12-69	
54-1	♂	"	"	12-3-69	12
"	♀	"	"	"	
54-10	♂	"	"	12-10-69	1
"	♀	"	"	"	
54-100	♂	"	"	11-12-69	1
"	♀	"	"	"	
60-1	♂	"	"	12-11-69	
"	♀	"	"	12-11-69	
60-10	♂	"	"	12-10-6	1
"	♀	"	"	12-10-6	
60-100	♂	"	"	12-3-69	1
"	♀	"	"	"	

Duplicates Res Sac Complete
Fin Sac — ?

DSW 321304

STLCOPCB4072884

Chicken Carcasses @ So 2nd St 10-18-71

Material/Level	Bird #	Sac	Date	Locker #
Control	218 ♂	Res	?	Last freezer breakdown
"	733 ♀	"	"	"
"	790 ♀	"	"	"
"	837 ♀	"	"	"
"	933 ♀	"	"	"
"	938 ♀	"	"	"
"	980 ♀	"	"	"
"	83 ♀	"	"	"
42-1	212 ♀	Res	?	Last freezer breakdown
"	226 ♂	"	"	"
"	798 ♀	"	"	"
"	811 ♀	"	"	"
"	894 ♀	"	"	
"	949 ♀	"	"	
"	921 ♀	"	"	"
"	423 ♀	"	"	"
"	758 ♀	"	"	"
"	816 ♀	"	"	"
42-10	203 ♂	Res	?	Last freezer breakdown
"	230 ♂	"	"	"
"	763 ♀	"	"	"
"	862 ♀	"	"	"
"	970 ♀	"	"	"
"	988 ♀	"	"	"
"	994 ♀	"	"	"
"	925 ♀	"	"	"
"	828 ♀	"	"	"

DSW 321305

STLCOPCB4072885

42-100	201 ♂	Res	10-6-69	Fawgall #248
"	(777) 770 ♀	"	10-1-69	"
"	969 ♀	"	10-1-69	Fawgall #548
"	772 ♀	"	"	"
"	876 ♀	"	"	"
"	707 ♀	"	"	"
54-1	233 ♂	Res	11-3-69	Fawgall #377
"	997 ♀	"	"	"
"	877 ♀	"	"	"
"	976 ♀	"	"	"
"	704 ♀	"	"	"
"	775 ♀	"	"	"
"	916 ♀	"	"	"
"	923 ♀	"	"	"
54-10	244 ♂	Res	11-10-69	Fawgall #530
"	(716) 715 ♀	"	"	"
"	735 ♀	"	"	"
"	736 ♀	"	"	"
"	813 ♀	"	"	"
"	858 ♀	"	"	"
"	866 ♀	"	"	"
"	902 ♀	"	"	"
"	881 ♀	"	"	"
54-100	227 ♂	Res	10-13-69?	Fawgall #557
"	723 ♀	"	10-13-69	"
(Arc-100)	765 ♀	"	10-13-69	"
54-100	826 ♀	"	10-13-69	"
"	832 ♀	"	10-13-69?	"
"	848 ♀	"	10-13-69?	"
"	983 ♀	"	10-13-69	"

DSW 321306

STLCOPCB4072886

60 - 1	222 ♂	Res	11-10-69	Freezall #548
"	829 ♀	"	"	"
"	785 ♀	"	"	"
"	792 ♀	"	"	"
"	800 ♀	"	"	"
"	794 ♀	"	"	"
"	731 ♀	"	"	"
"	944 ♀	"	"	"
60-10	249 ♂	Res	11-5-69	Lost freezer breakdown
"	239 ♂	"	"	"
"	915 ♀	"	"	"
"	903 ♀	"	"	"
"	985 ♀	"	"	"
"	999 ♀	"	"	"
"	922 ♀	"	"	"
"	789 ♀	"	"	"
"	932 ♀	"	"	"
"	732 ♀	"	"	"
60-100	211 ♂	Res	11-3-69	Freezall #528
"	721 ♀	"	"	" "
"	806 ♀	"	"	" "
"	984 ♀	"	11-3-69	" #250
"	745 ♀	"	11-3-69	Freezall #528
"	896 ♀	"	"	" #250
"	780 ♀	"	"	" #250
"	979 ♀	"	11-3-69	Freezall #528
"	853 ♀	"	"	"

DSW 321307

STLCOPCB4072887

Chicken Carcasses @ So 2nd St

Central	224 ♂	Final	12-10-69	Finegall #544
"	987 ♀	"	"	"
"	717 ♀	"	"	"
"	838 ♀	"	"	"
"	912 ♀	"	"	"
"	992 ♀	"	"	"
42-1	238 ♂	Final	12-11-69	Finegall #383, 446, 448
"	250 ♂	"	"	"
"	703 ♀	"	"	"
"	752 ♀	"	"	"
"	782 ♀	"	"	"
"	840 ♀	"	"	"
"	867 ♀	"	"	"
"	709 ♀	"	"	"
"	897 ♀	"	"	"
"	963 ♀	"	"	"
42-10	235 ♂	Final	12-3-69	Finegall #544
"	252 ♂	"	"	"
"	718 ♀	"	"	"
"	796 ♀	"	"	"
"	842 ♀	"	"	"
"	884 ♀	"	"	"
"	888 ♀	"	"	"
"	906 ♀	"	"	"
"	934 ♀	"	"	"
42-100	225 ♂	Final	11-12-69	Finegall #248
"	776 ♀	"	"	"
"	742 ♀	"	"	"
"	869 ♀	"	11-12-69	"
"	964 ♀	"	"	"

DSW 321308

54-1		206 ♂	Final	12-3-69	Finegall #3[illegible]
"		714 ♀	"	"	"
"		810 ♀	"	"	"
"		833 ♀	"	"	"
"		864 ♀	"	"	"
"		891 ♀	"	"	"
"	(950)	900 ♀	"	"	"
"		910 ♀	"	"	"
54-10		217 ♂	Final	12-10-69	Finegall #546
"		245 ♂	"	"	"
"		778 ♀	"	"	"
"		801 ♀	"	"	"
"		786 ♀	"	"	"
"		702 ♀	"	"	"
"	(870)	847 ♀	"	"	"
"		720 ♀	"	"	"
"		713 ♀	"	"	"
54-100		229 ♂	Final	11-12-69	Finegall #377
"		998 ♀	"	"	"
"		724 ♀	"	"	"
"		921 ♀	"	"	"
"		957 ♀	"	"	"
"		959 ♀	"	"	"
"	(879)	819 ♀	"	"	"
60-1		232 ♂	Final	12-10-69	Finegall #546
"		240 ♂	"	"	"
"		946 ♀	"	"	"
"		1000 ♀	"	"	"
"		913 ♀	"	"	"
"		825 ♀	"	"	"
"		757 ♀	"	"	"
"		729 ♀	"	"	
"		759 ♀	"	"	"

DSW 321309

STLCOPCB4072889

60-10	243 ♂	Final	12-11-69	Fraygall 383, 446, 442
"	215 ♂	"	"	"
"	716 ♀	"	"	"
"	784 ♀	"	"	"
"	748 ♀	"	"	"
"	849 ♀	"	"	"
"	919 ♀	"	"	"
"	879 ♀	"	"	"
"	839 ♀	"	"	"
"	701 ♀	"	"	"
60-100	236 ♂	Final	12-3-69	Fraygall #528
"	737 ♀	"	"	"
"	805 ♀	"	"	"
"	754 ♀	"	"	"
"	924 ♀	"	"	"
"	966 ♀	"	"	"
"	741 ♀	"	"	"
"	926 ♀	"	"	"
"	870 ♀	"	"	"
"	996 ♀	"	"	"

Chickens Died On Test

Central		7th wk		Fraygall	
		8th "			
		8th "		DSW 321310	
		15th "			
		16th "			
		18th "			
		19th "			
		20th "			
"	231 ♂	23rd "	10-19-69	"	#251
"	715 ♀	24th "	10-31-69	"	"

STLCOPCB4072890

Chickens Died On Test

42-1	930♀	11th wk	(18?) 7-8-69	Freegall	#248, #250
		14th "			
		16th "			
		" "			
42-10	893♀	8th wk	6-27-69	Freegall	#56
	781♀	11th "	(7?) 6-16-69	"	#248, 250
	892♀	12th "	7-30-69	"	#250
		" "			
		13th "			
		16th "			
42-100		6th wk			
		8th "			
		9th "			
		" "			
	951♀	10th "	7-28-69	Freegall	#250
	231♂	" "	7-28-69	"	#250
	834	12th "	7-28-69	"	#248
	951♀	14th "	?	"	#250
	824♀	" "	8-14-69	"	#557
	901♀	" "	8-21-69	"	"
		17th "			
		21st "			
	818♀	24th "	10-27-69	"	#250
54-1		7th wk			
		9th "			
		12th "			
		20th "			
		21st "			
"	773♀	22nd "	10-13-69	Freegall	#251
"	911♀	24th "	10-26-69	"	"
"	" ♀	" "	10-31-69	"	"

DSW 321311

STLCOPCB4072891

Chickens Died On Test

54-10		8th wk			
		12th "			
"	769 ♀	13th "	8-13-69	Finegall	#250
		15th "			
"	2318	24th "	10-27-69	"	#250
		26th "			
54-100		7th wk			
		9th "			
		12th "			
		" "			
		15th "			
		17th "			
		" "			
"	907 ♀	19th "	9-20-69	Finegall	#250
"	989 ♀	20th "	10-13-69	"	"
"	982 ♀	22nd "	11-14-69	"	#557
60-1		7th wk			
		8th "			
		11th "			
		19th "			
"	256 ♂	24th "	10-30-69	Finegall	#251
"	?	" "	10-25-69	"	#557
"	?	" "	10-25-69	"	"
60-10		15th wk			
		20th "			
"	? ♀	23rd "	10-20-69	Finegall	#251
"	920 ♀	24th "	10-30-69	"	"
60-100	247 ♂	13th wk	8-11-69	Finegall	#557
		20th "			
		21st "			
"	? ♀	23rd "	10-20-69	"	#251
"	? ♀	24th "	10-31-69	"	"

DSW 321312

STLCOPCB4072892

Chicken Carcasses improperly identified

?	246 ?	?	?	Finegall	#248
?	865 ?	?	?	"	"
54- ?	990 ?	?	6-9-69	"	" #2
?	815 ?	?	?	"	"
3 Arc. ?	747 ?	?	?	"	#250
?	814 ?	?	8-2-69	"	"
?	936 ?	?	8-8-69	"	"
3 Arc ?	808 ?	?	?	"	#251
3 Arc ?	887 ?	?	?	"	"
?	?	?	?	"	"
3 Arc ?	740 ?	?	?	"	"
Arc ?	797 ?	?	?	"	#557
?	833 ?	?	?	"	"
Arc	859 ?	?	?	"	"
Arc	728 ?	?	8-19-69	"	"

total of 15 samples

vs 44 did on test carcasses receiving

DSW 321313

J 7300 Chicken Tissues

42-1-♂-F-1

1242

$$\frac{5.49\,\mu l \times 1.051\times10^{-6}\,g/ml \times 5\,ml}{5\,\mu l \times 0.994\,g} \qquad 29.6\ ppm \quad \text{Lipid} \checkmark$$

1.11 — 26.0 " — Wet ✓

42-100-♂-F-1

1242

$$\frac{2.74\,\mu l \times 1.051\times10^{-6}\,g/ml \times 2.5\times10^{3}\,ml}{3\,\mu l \times 0.975\,g} \qquad 2460\ " \quad \text{Lipid} \checkmark$$

1.68 g — 1430 " — Wet ✓

54-10-♂-F-1

1254

$$\frac{3.85\,\mu l \times 0.927\times10^{-6}\,g/ml \times 2.5\times10^{2}\,ml}{2\,\mu l \times 1.00\,g} \qquad 892\ " \quad \text{Lipid} \checkmark$$

1.59 g — 561 " — Wet ✓

54-10-♂-III-1

1254

$$\frac{2.70\,\mu l \times 0.927\times10^{-6}\,g/ml \times 10\,ml}{5\,\mu l \times 0.0449\,g} \qquad 517. \quad \text{Lipid} \checkmark$$

28.04 — 0.893 — Wet ✓

DSW 321314

60-1-♂-F-1

1260

$$\frac{1.83\,ng \times 10^3\,\mu l \times 5\,ml \times \mu g \times 10^2}{8\,\mu l \quad ml \quad 10^3\,ng \times 0.625\,g}$$ 183 ppm Lipid

114.375 0.75 153 Wet

60-100-♂-F-1

$$\frac{4.23\,ng \times 5\,ml \times 10^3}{3\,\mu l \times 0.930}$$ 7580 ✓

1.12 6295 ✓

DSW 321315

Chickens

Sple: As A-1242

42-1-♂-F-1

$\frac{5.49 \times 1.051 \times 25}{5} =$ Sple wt

0.974

42-100-♂-F-1

$\frac{2.74 \times 1.051 \times 2.5 \times 10^3}{3} =$ sple wt

0.975

Splcs: As A-1254

54-10-♂-M-1

$\frac{2.70 \times 0.927 \times 50}{5} =$ Sple wt

0.0449

54-10-♂-F-1

$\frac{3.85 \times 0.927 \times 500}{2} =$ sple wt

1.00

Chicken Blank

$\frac{4.55 \times 0.927 \times 1}{8} = 0.53$ µg

	Wet	Lipid	Anal Lipid
42-1	13.88	12.18	0.974
42-100	2.81	1.63	0.975
54-10-M	28.04	0.0449	0.0449
54-10-F	3.98	2.50	1.00

DSW 321316

J7300 Chicken Tissue

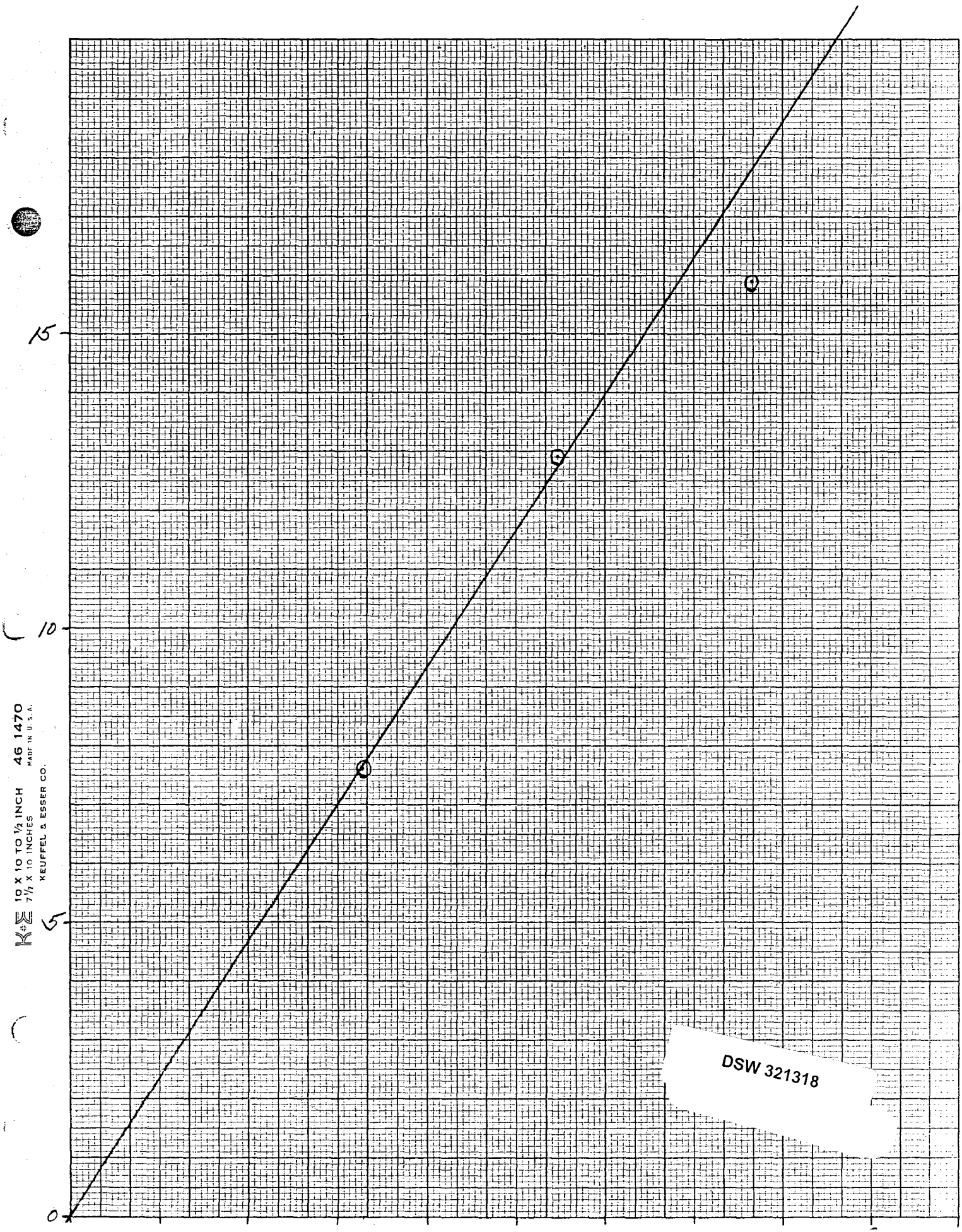
µl	mg	area
3	3.28	7612
5	5.46	12900
7	7.65	15984

60-1-♂-F-1	8µl	5ml	1:10 1:10	4304	1.83 mg
60-100-♂-F-1	3µl	5ml	1:10, 1:10, 1:10	9846	4.23 mg

Lamp Wt (Lipid)

Anal	Total	Wet
0.625	0.625	0.75
0.930	3.10	3.76

DSW 321317



KE 10 X 10 TO ½ INCH 46 1470
7½ X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

STLCOPCB4072898

42-1-♀-M-1

1090 counts = 3.9 µl × 1.029 ng/µl = 4.013 ng × 5000/8 = 2508 ng

42-1-♀-M-2

640 counts = 2.35 × 1.029 × 1000/5 = 2418 ng

CON-♀-M1

1411 counts = 2.95 × 1.029 × 5000/8 = = 1895 ng

Blank

340 counts = 0.7 × 1.029 × 1000/8 = = 90 ng

42-100-♀-M-1 1:10 dil.

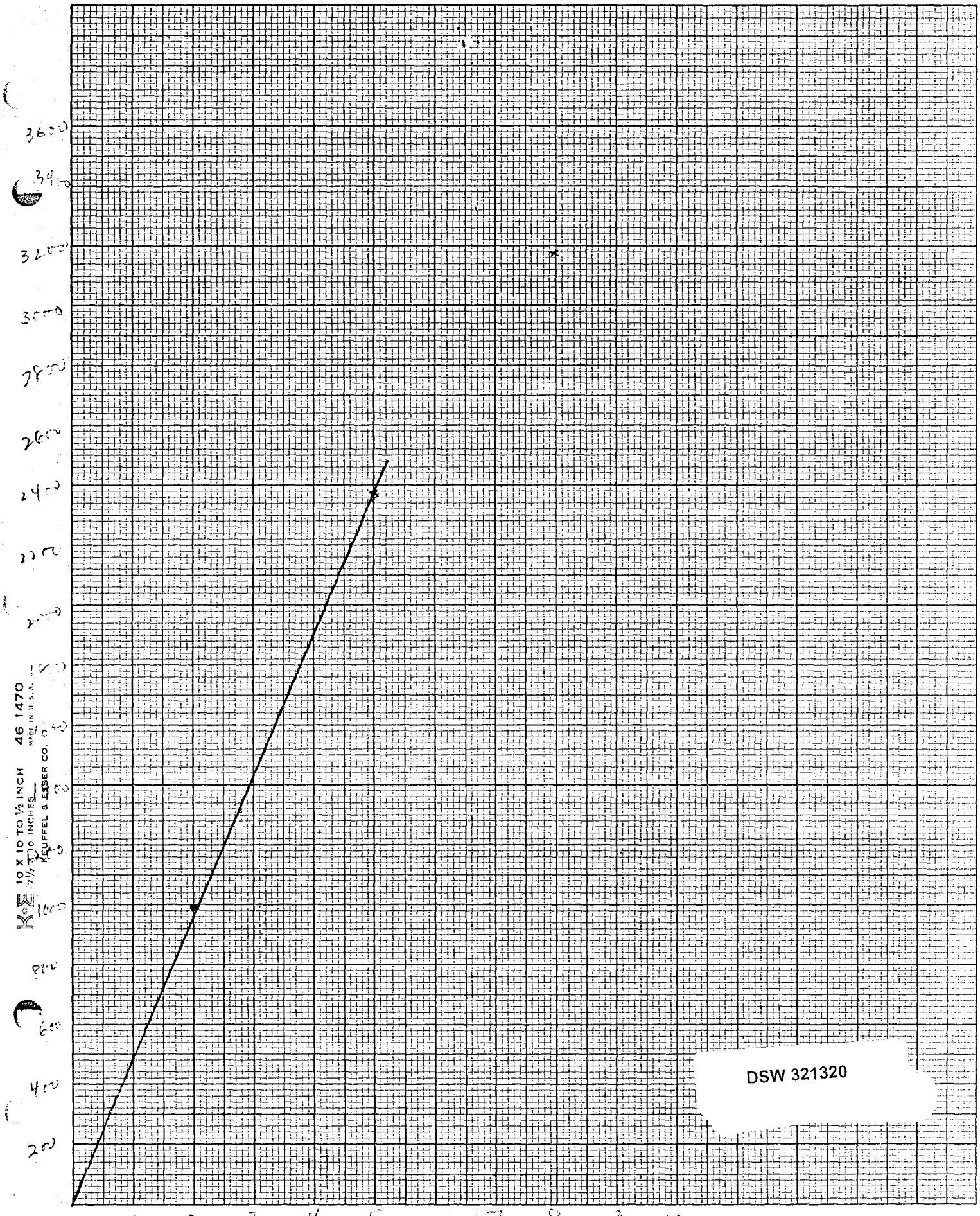
1218 counts = 2.77 × 1.029 × 5000/2 × 10/1 = 71250 ng.

42-10-♀-M-2

1661 counts = 3.5 × 1.029 × 5000/3 = 6000 ng.

DSW 321319

STLCOPCB4072899


DSW 321320

STD. INJECTION COUNTS

1254
1.016×10^{-9} g/ul

2 ul		
3 ul	4070 4044	
4 ul		
5 ul	6940	
6 ul		
7 ul		
8 ul	10940	

6ul	54-10-♀-F-1	3790	D_F - 5, 1:10, 2:10
4ul	54-10-♀-M-1	3730	D_F - 5, 1:10
6ul	54-100-♀-L-1	3180	D_F - 5, 1:10, 1:10, 2:10
2ul	54-10-♀-M-2	3580	D_F - 5
2ul	54-10-♀-F-2	2780	D_F - 5, 1:10
4ul	54-1-♀-L-1	2032	D_F - 5, 1:10

54-10-♀-F-1

$3790 = 2.78 \times 1.016 \times \frac{5000}{6} \times 50 =$ 117,675 ng.

54-10-♀-M-1

$3730 = 274 \times 1.016 \times \frac{5000}{4} \times 10 =$ 34,798 ng

54-100-♀-L-1

$3180 = 2.35 \times 1.016 \times \frac{5000}{6} \times 500 =$ 994,825 ng.

54-10-♀-M-2

$3580 = 2.65 \times 1.016 \times \frac{5000}{2} =$ 6730 ng.

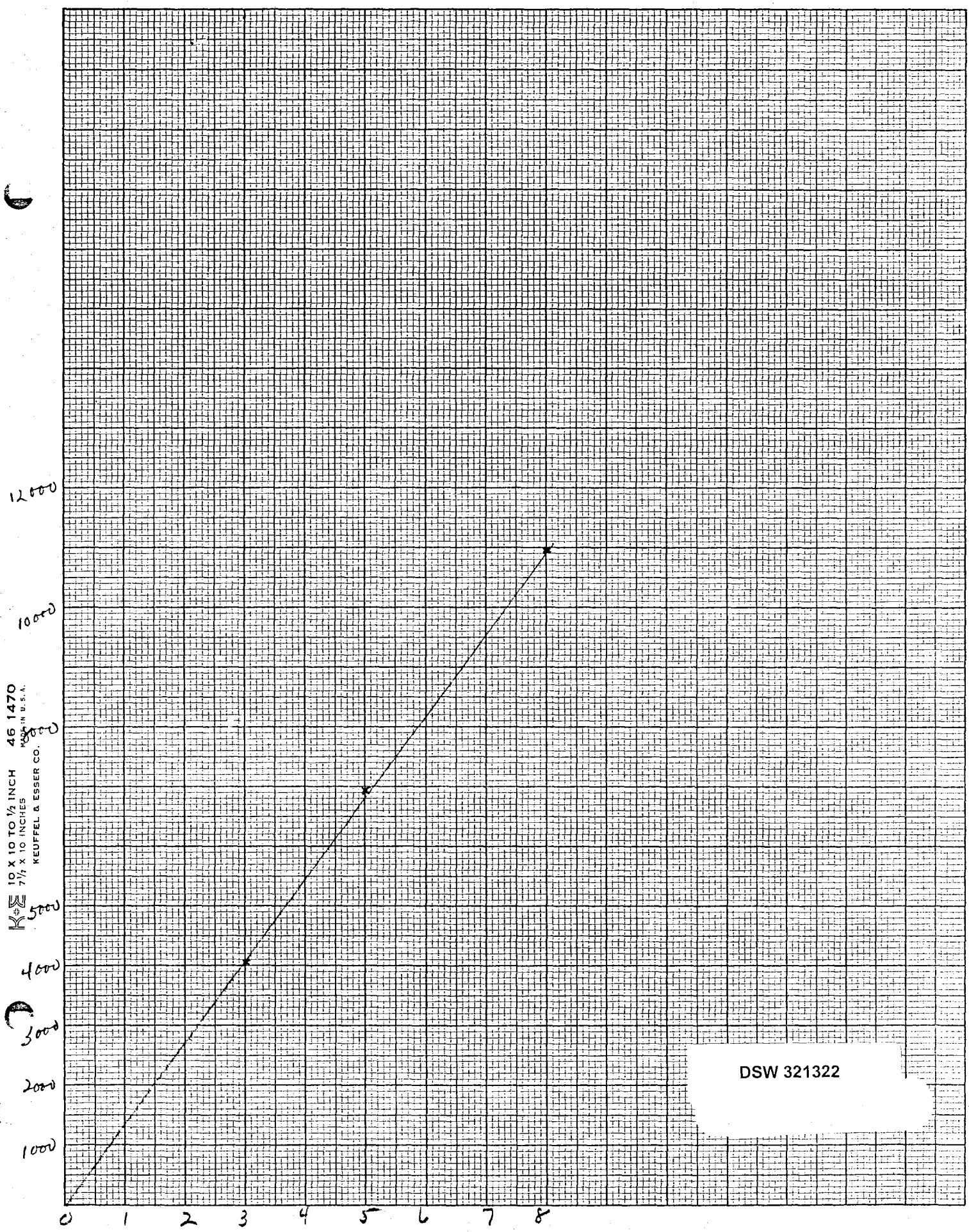
54-10-♀-F-2

$2780 = 2.06 \times 1.016 \times \frac{5000}{2} \times 10 =$ 52,324 ng.

54-1-♀-L-1

$2032 = 1.5 \times 1.016 \times \frac{5000}{4} \times 10 =$ 19050

DSW 321321


12000
10000
8000
6000
5000
4000
3000
2000
1000
0
1
2
3
4
5
6
7
8
DSW 321322
10 X 10 TO ½ INCH
7½ X 10 INCHES
KEUFFEL & ESSER CO.
MADE IN U.S.A.
46 1470

1260 - chickens

60 - 100 - ♀ - F - 1

1901 = 1.11 × 0.985 × $\frac{5000}{7}$ × 50 × 25 = 976,200 ng

60 - 100 - ♀ - M - 1

4423 = 2.66 × 0.985 × $\frac{5000}{2}$ × 50 = 327,500 ng

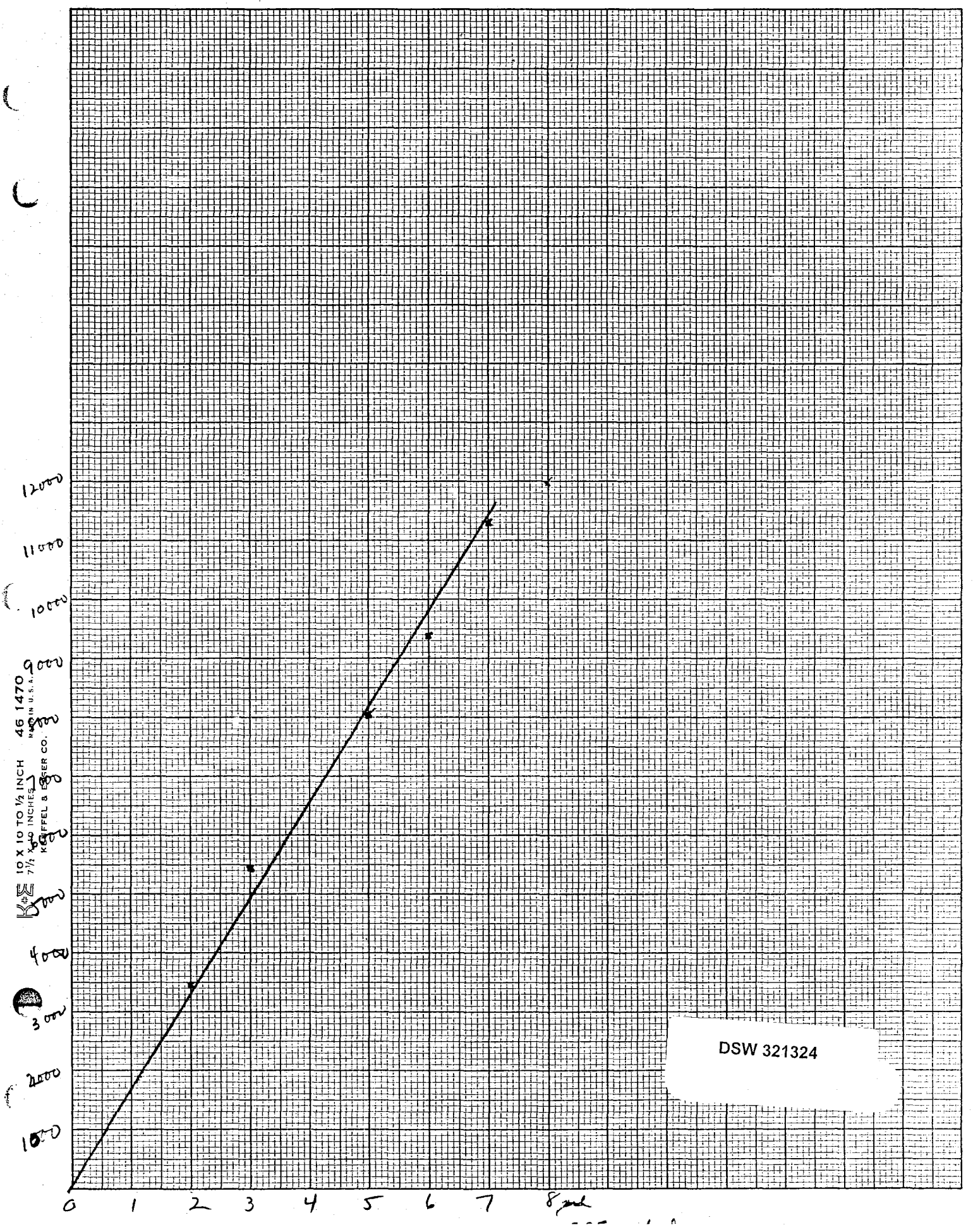
60 - 10 - ♀ - L - 1

1994 = 1.17 × 0.985 × $\frac{5000}{5}$ × 10 × 5 = 57,600 ng

60 - 1 - ♀ - F - 1

1855 = 1.1 × 0.985 × $\frac{5000}{5}$ × 10 = 10,835 ng

DSW 321323


12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1
2
3
4
5
6
7
8 psi
10 X 10 TO ½ INCH
7½ X 10 INCHES
KEUFFEL & ESSER CO.
MADE IN U.S.A.
46 1470
DSW 321324

STD. INJECTION	COUNTS	
		1254
2 ul	3363	
3 ul	4506	1.016×10^{-6} g/ml
4 ul	5510	
5 ul		
6 ul		
7 ul	10,372	
8 ul	11,444	

5 ul	CON-♀-L-2	6882		5 ml
5 ul	CON-♀-F-2	4180		5 ml
7 ml	BIK Z 11-1	42 - 117	54 - 1560	1 ml
7 ml	BIK 10/28	42 - 41	54 - 564	1 ml
5 ul	54-100-♀-L-2	3310	D_F - 5, 1:10, 1:10, 2:10	

CON-♀-L-2

$6882 = 4.72 \times 1.016 \times \frac{5000}{5} = 4796$ ng

CON-♀-F-2

$4180 = 2.9 \times 1.016 \times \frac{5000}{5} = 2946$

Blank Z 11-1

$1677 = 1.2 \times 1.016 \times \frac{1000}{7} = 174$

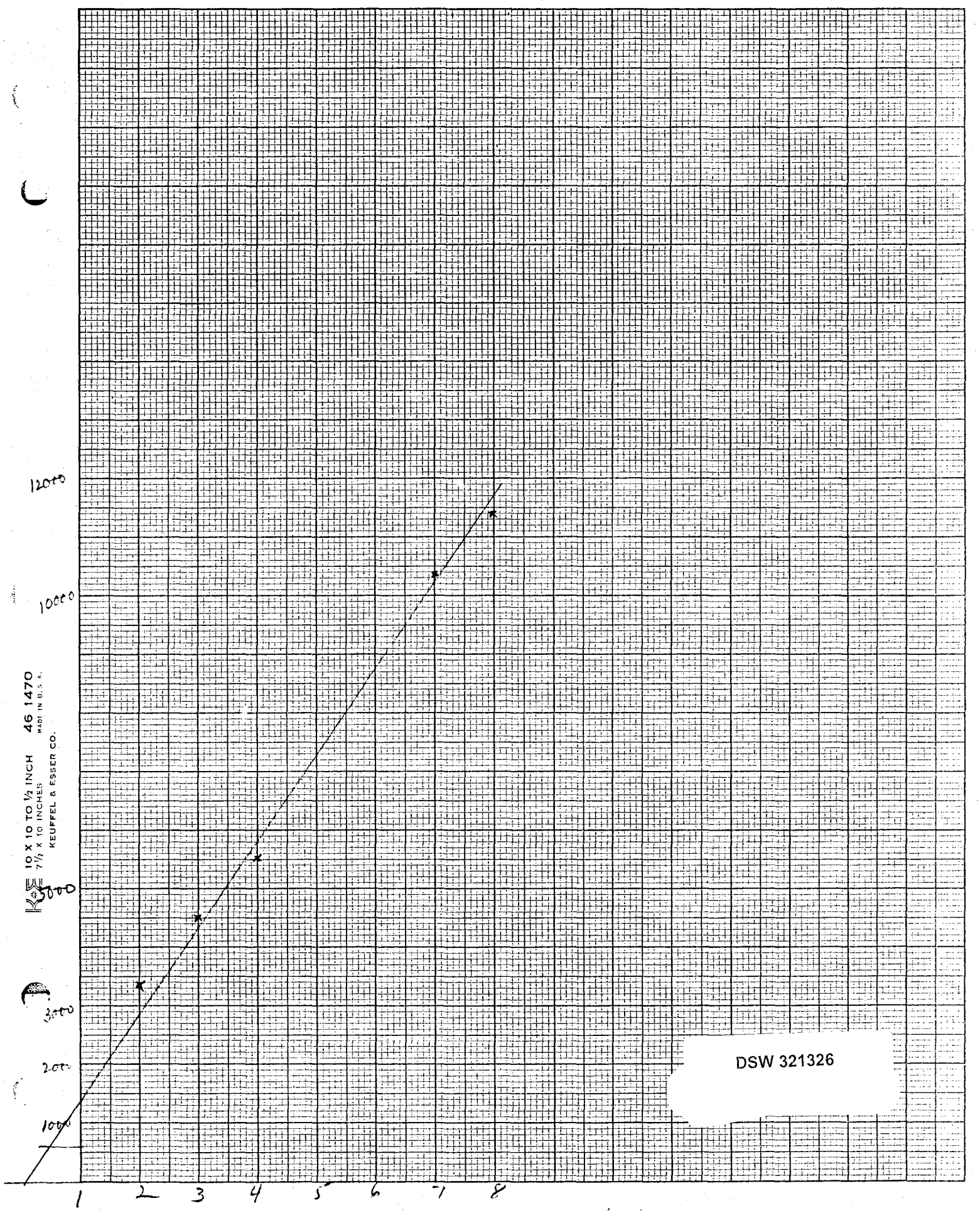
Blank 10/28

$605 = 0.5 \times 1.016 \times \frac{1000}{7} = 73$

54-100-♀-L-2

$3310 = 2.31 \times 1.016 \times \frac{5000}{5} \times \frac{100}{500} = 1,173,480$

DSW 321325


12000
10000
5000
3000
2000
1000
1
2
3
4
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6
7
8
10 X 10 TO ½ INCH
7½ X 10 INCHES
KEUFFEL & ESSER CO.
MADE IN U.S.A.
46 1470
DSW 321326

54-1-♀-L-1

2072 = $2.0 \times 1.016 \times \frac{5000}{5} \times 10$ = 20320 ng

54-1-♀-L-2

4524 = $4.4 \times 1.016 \times \frac{5000}{3}$ = 7450 ng

Blank - 10/29

685 = $0.68 \times 1.016 \times \frac{1000}{7}$ = 99 ng

CON-♀-F-1

1039 = $1.05 \times 1.016 \times \frac{5}{4} \times \frac{100}{2} \times 3$ = 200 ng

CON ♀-M-2

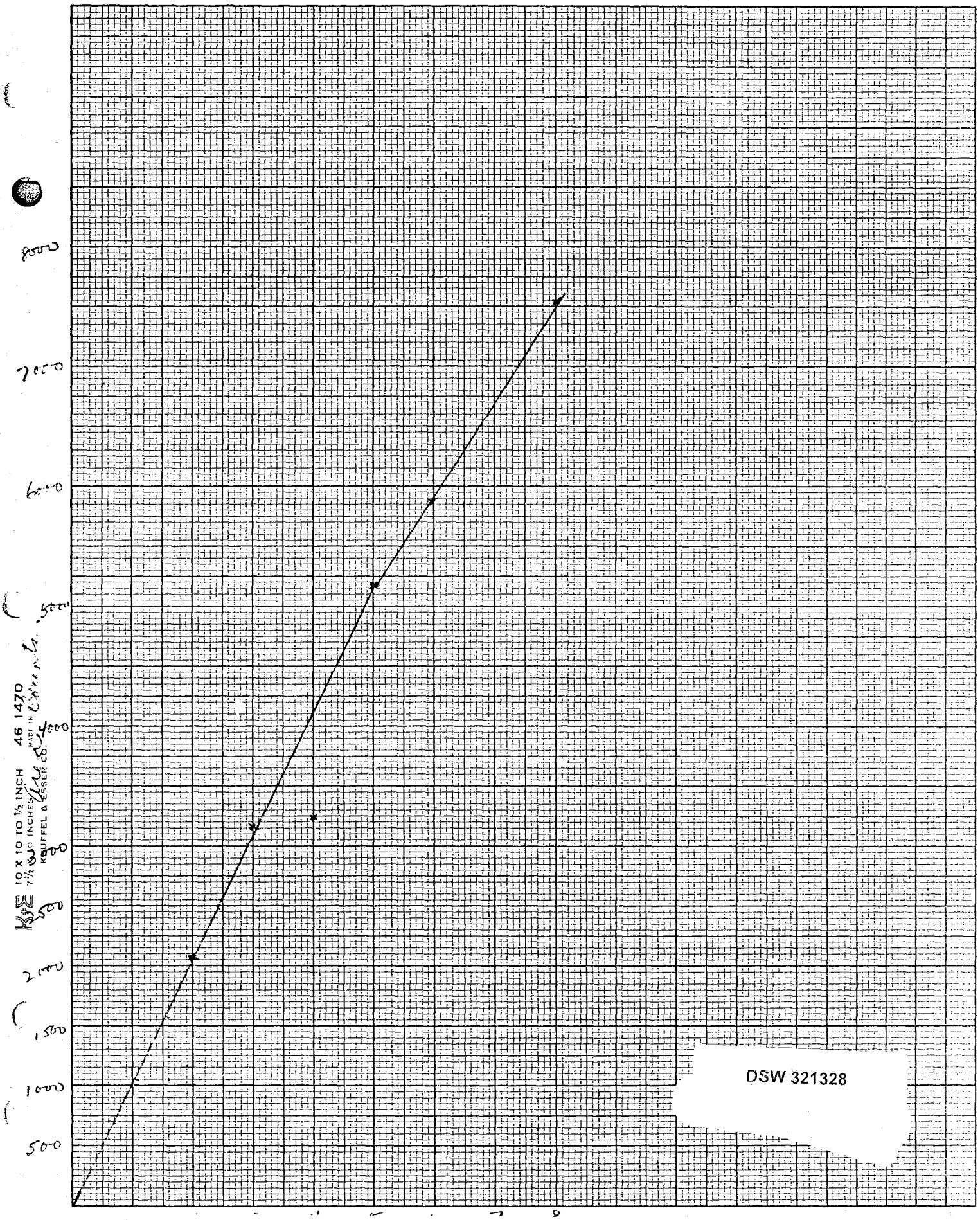
1566 = $1.55 \times 1.016 \times \frac{5000}{5}$ = 1,575

repeat

CON ♀-M-2

2481 = $2.4 \times 1.016 \times \frac{3000}{5}$ = 1,463

DSW 321327


8000
7000
6000
5000
4000
3000
2000
1500
1000
500
KE 10 X 10 TO ½ INCH 46 1470
7½ X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.
DSW 321328

Chickens

✓ 42-100-♀-M-2 — 1:100

916 counts = $3.08 \times 1.029 \times \frac{5000}{7} \times 100$ = 226,380 ng

42-1-♀-L-2

2176 = $8.05 \times 1.029 \times \frac{5000}{5}$ = 8,283 ng.

✓ 42-100-♀-F-2

1549 = $5.55 \times 1.029 \times \frac{5000}{4}$ = 7,139 ng

CON-♀-L-1

1875 = $7.0 \times 1.029 \times \frac{2000}{4}$ = 3,602 ng

✓ 42-100-♀-F-1

2318 = $8.32 \times 1.029 \times \frac{5000}{3} \times 10 \times 10$ = 1,426,880

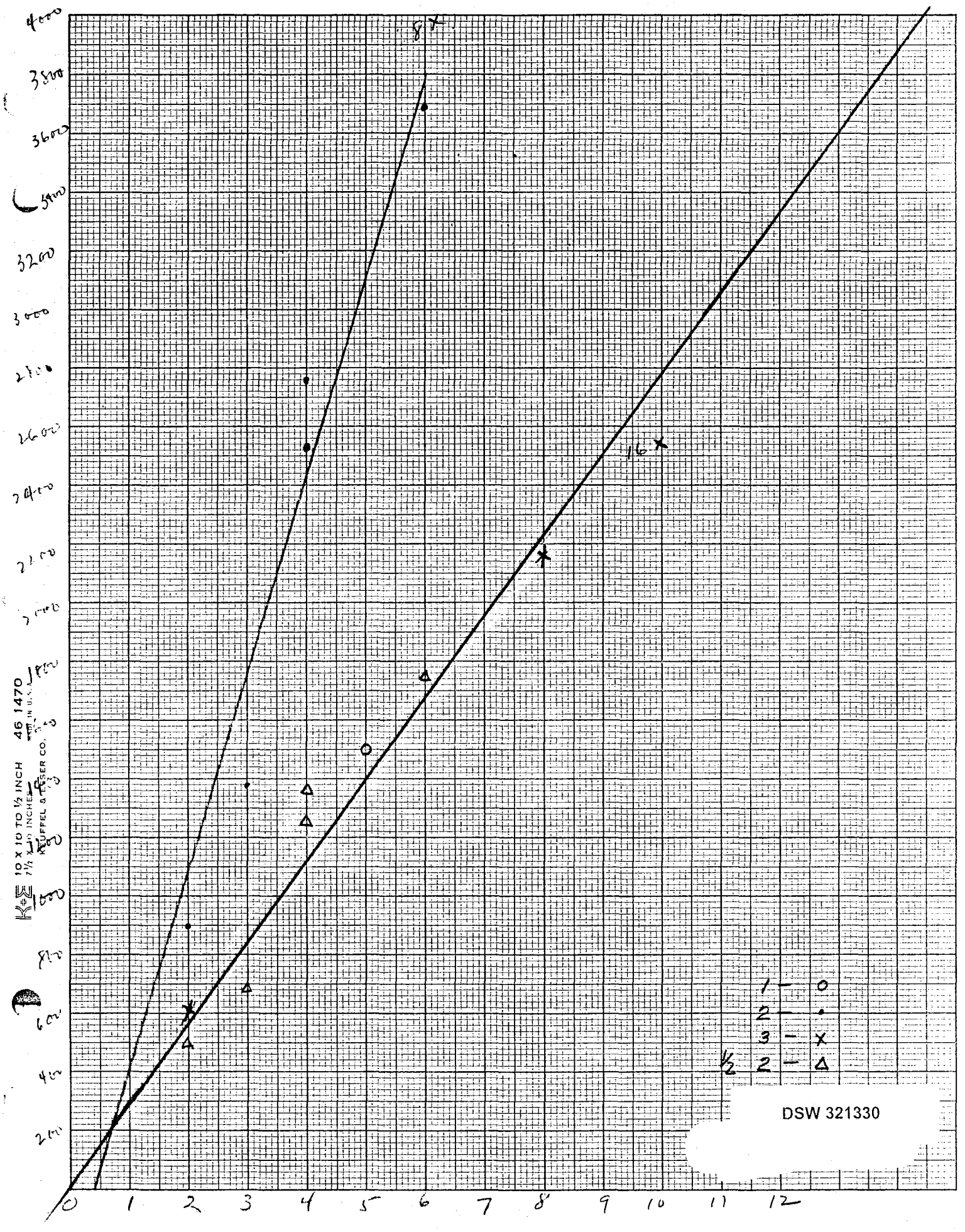
✓ 42-100-♀-L-2

1861 = $6.68 \times 1.029 \times \frac{5000}{3} \times 100$ = 1,145,600

42-10-♀-L-2

2211 = $7.94 \times 1.029 \times \frac{5000}{2}$ = 20,426

DSW 321329



DSW 321330

STLCOPCB4072910

STD. INJECTION	COUNTS
2 ul	1188
3 ul	—
4 ul	2466
5 ul	2678
6 ul	3503
7 ul	—
8 ul	4225

1242

1.029×10^{-6} g/ml

3 ul	42-1-♀-F-1	1685	5 ml
5 ul	42-10-♀-L-1	3011	2:10 dilution of 5 ml
7 ul	42-1-♀-F-2	2471	4 ml

42-1-♀-F-1

$1685 = 3.0\,\mu l \times 1.029 \times \frac{5000}{3} = 5145$ ng

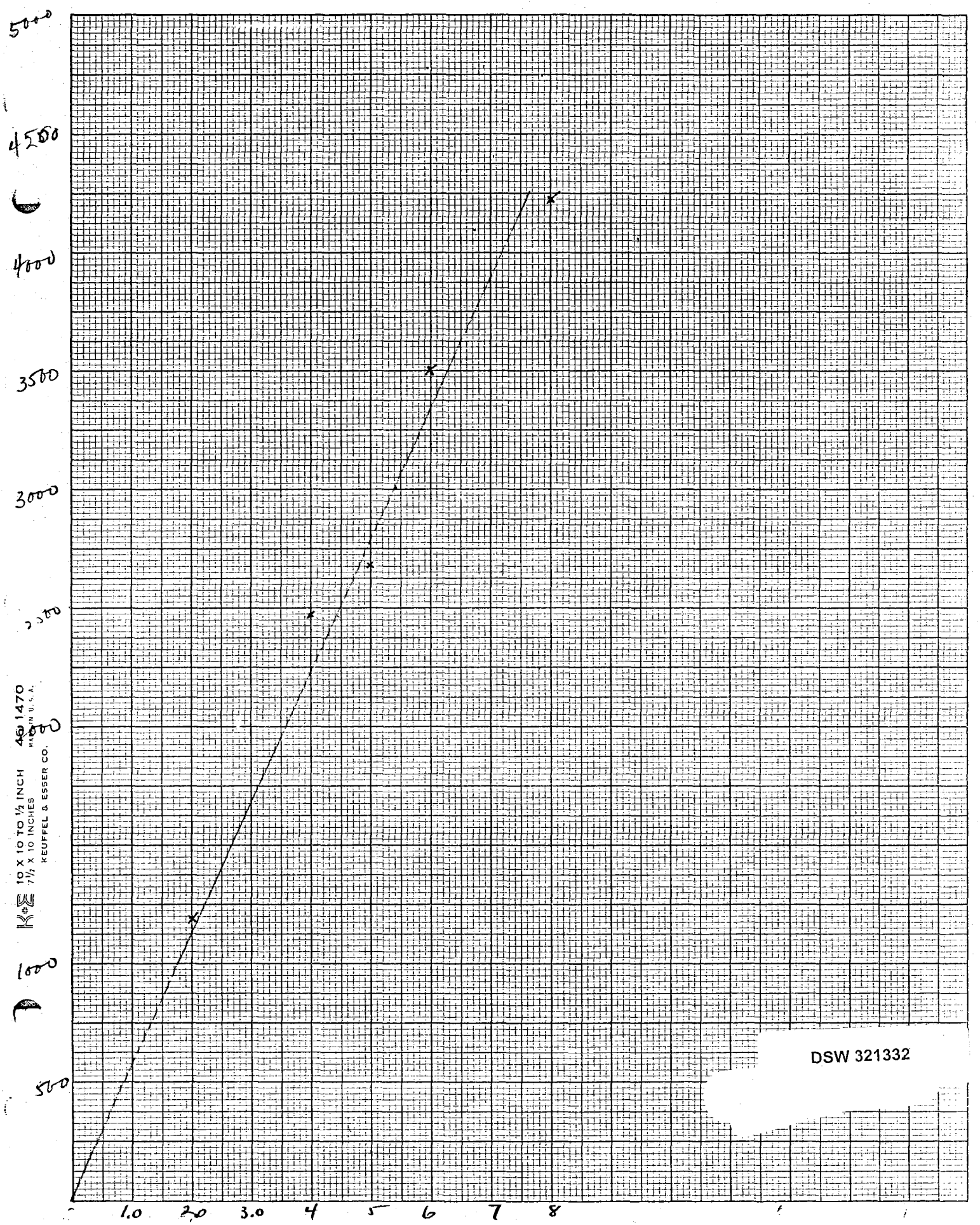
42-10-♀-L-1

$3011 = 5.4 \times 1.029 \times \frac{5000}{5} \times 5 = 27{,}783$

42-1-♀-F-2

$2471 = 4.4 \times 1.029 \times \frac{4000}{7} = 2{,}587$

DSW 321331


5000
4500
4000
3500
3000
2500
2000
1500
1000
500
1.0
2.0
3.0
4
5
6
7
8
KE 10 X 10 TO ½ INCH 46 1470
7½ X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

DSW 321332

60-1-♀-M-1

4341 = $4.1 \times 0.985 \times \frac{5000}{2}$ = 10096 ng.

60-1-♀-F-2

5819 = $5.45 \times 0.985 \times \frac{5000}{2}$ = 13420 ng

60-1-♀-M-2

3846 = $3.64 \times 0.985 \times \frac{5000}{5}$ = 3585 ng

60-10-♀-L-2

6939 = $6.5 \times 0.985 \times \frac{5000}{3} \times 10$ = 106700 ng

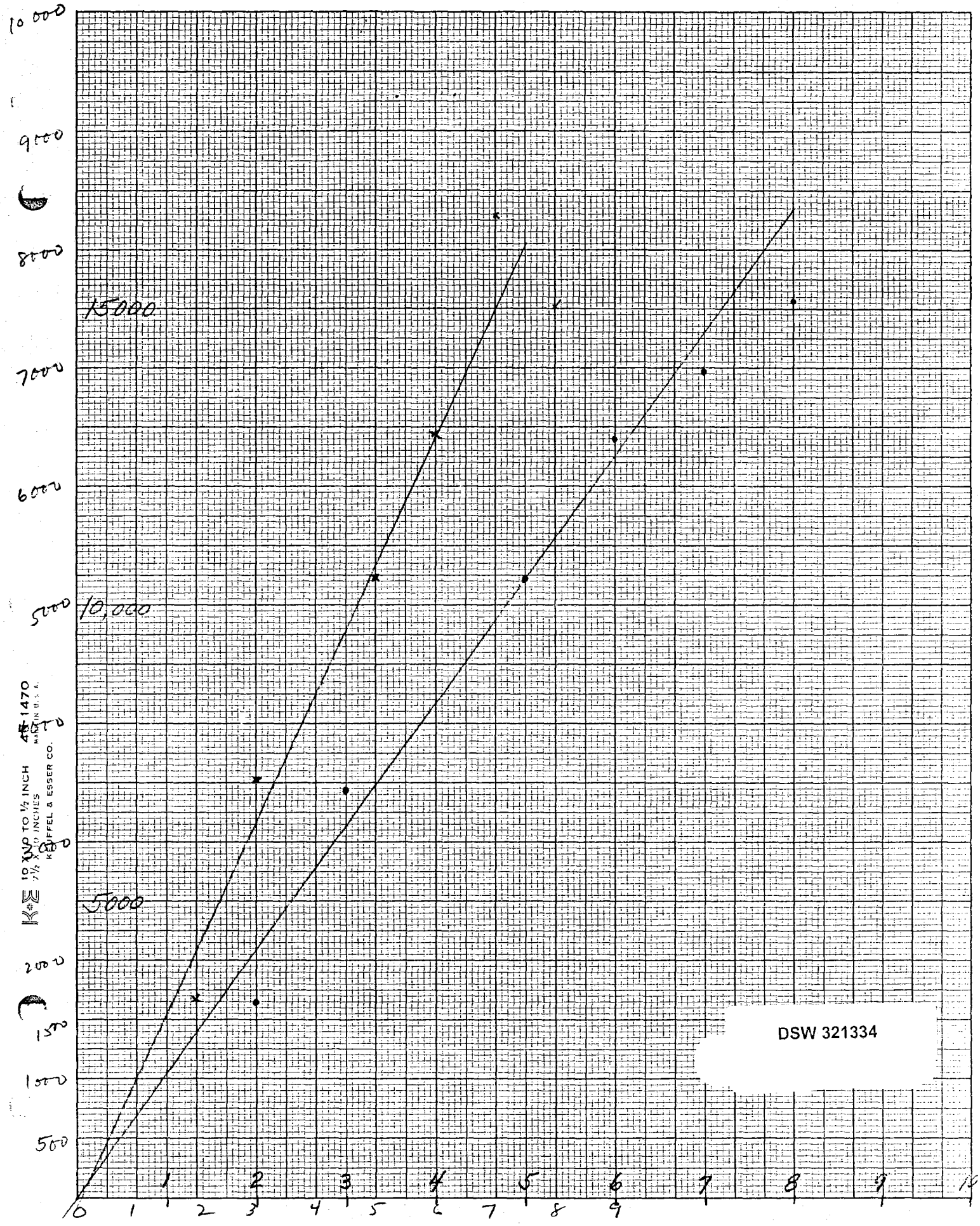
✓ 60-100-♀-F-2

6201 = $6.01 \times 0.985 \times \frac{5000}{2} \times 50 \times 2$ = 1,479,963 ng

✓ 60-100-♀-M-2

4358 = $4.33 \times 0.985 \times \frac{5000}{5} \times \frac{10}{80}$ = 213250 ng.

DSW 321333

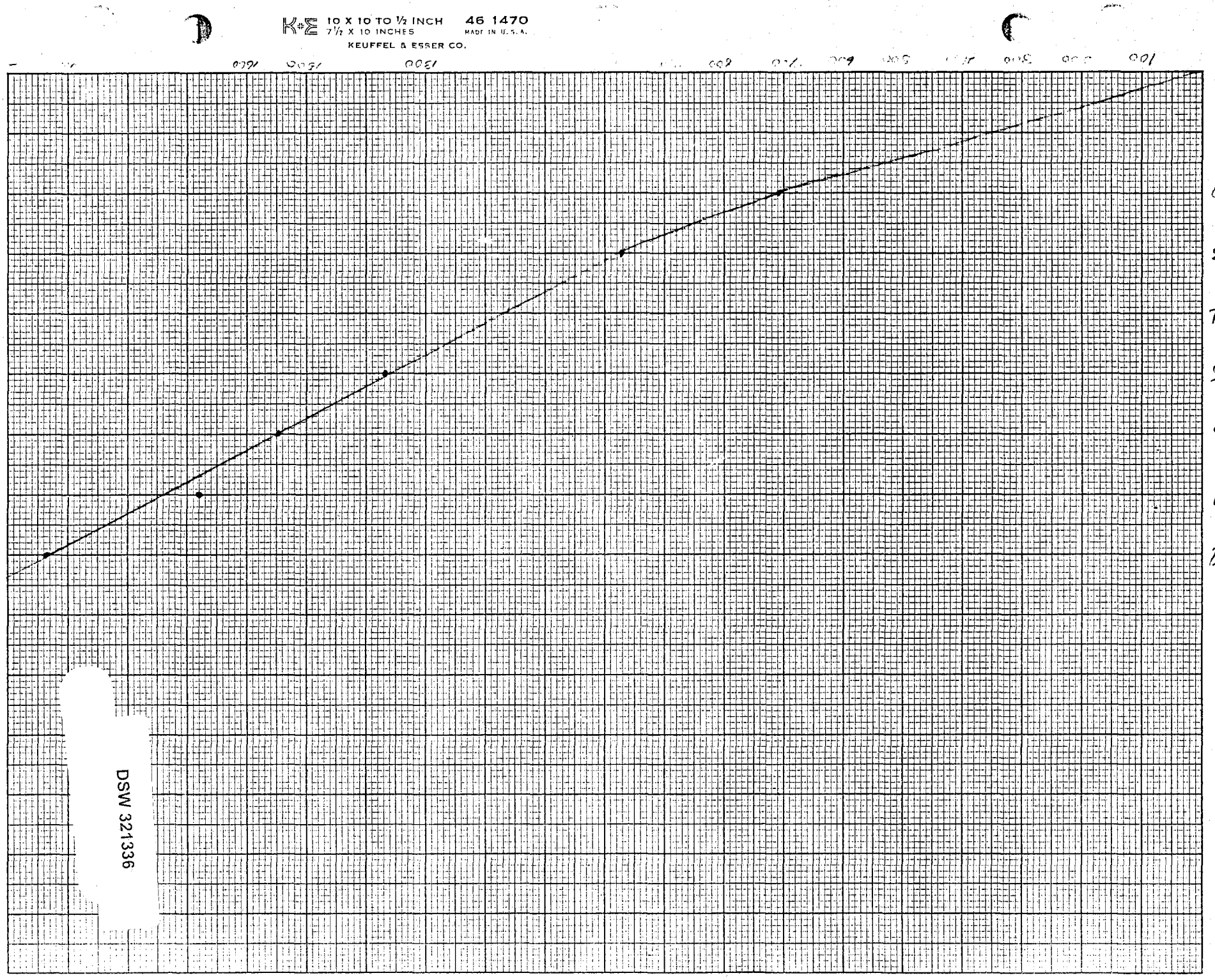

10 000
9000
8000
15000
7000
6000
5000
10,000
4000
5000
2000
1500
1000
500
0 1 2 3 4 5 6 7 8 9
1 2 3 4 5 6 7 8 9
10 TO ½ INCH
7½ X 10 INCHES
KUFFEL & ESSER CO.
MADE IN U.S.A.
DSW 321334

Eggs

INJECTION µl	COUNTS
2	708
3	971
4	———
5	1369
6	1549
7	1680
8	1935

A-1242
1.029×10^{-6} g/ml

			dilution	ng/ml
3	42-100-8/21	998	(1:100)	$3.11 \times 1.029 \times 10^{-6} \div 3$
3	42-100-9/5	1220	(1:100)	$4.28 \times 1.029 \times 10^{-6} \div 3$
3	42-100-9/24	1161	(1:100)	$3.95 \times 1.029 \times 10^{-6} \div 3$
7	BLK 11/8 (1ml)	709		$2.01 \times 1.029 \times 10^{-6} \div 7$
3	42-100-9/26	888	(1:100)	$2.64 \times 1.029 \times 10^{-6} \div 3$
3	42-100-9/28	698	(1:100)	$1.95 \times 1.029 \times 10^{-6} \div 3$
3	42-100-10/24	856	(1:100)	$2.52 \times 1.029 \times 10^{-6} \div 3$
3	42-100-10/29	704	(1:100)	$1.97 \times 1.029 \times 10^{-6} \div 3$
3	42-100-11/5	664	(1:100)	$1.85 \times 1.029 \times 10^{-6} \div 3$
3	42-100-11/2	833	(1:100)	$2.43 \times 1.029 \times 10^{-6} \div 3$



STLCOPCB4072916

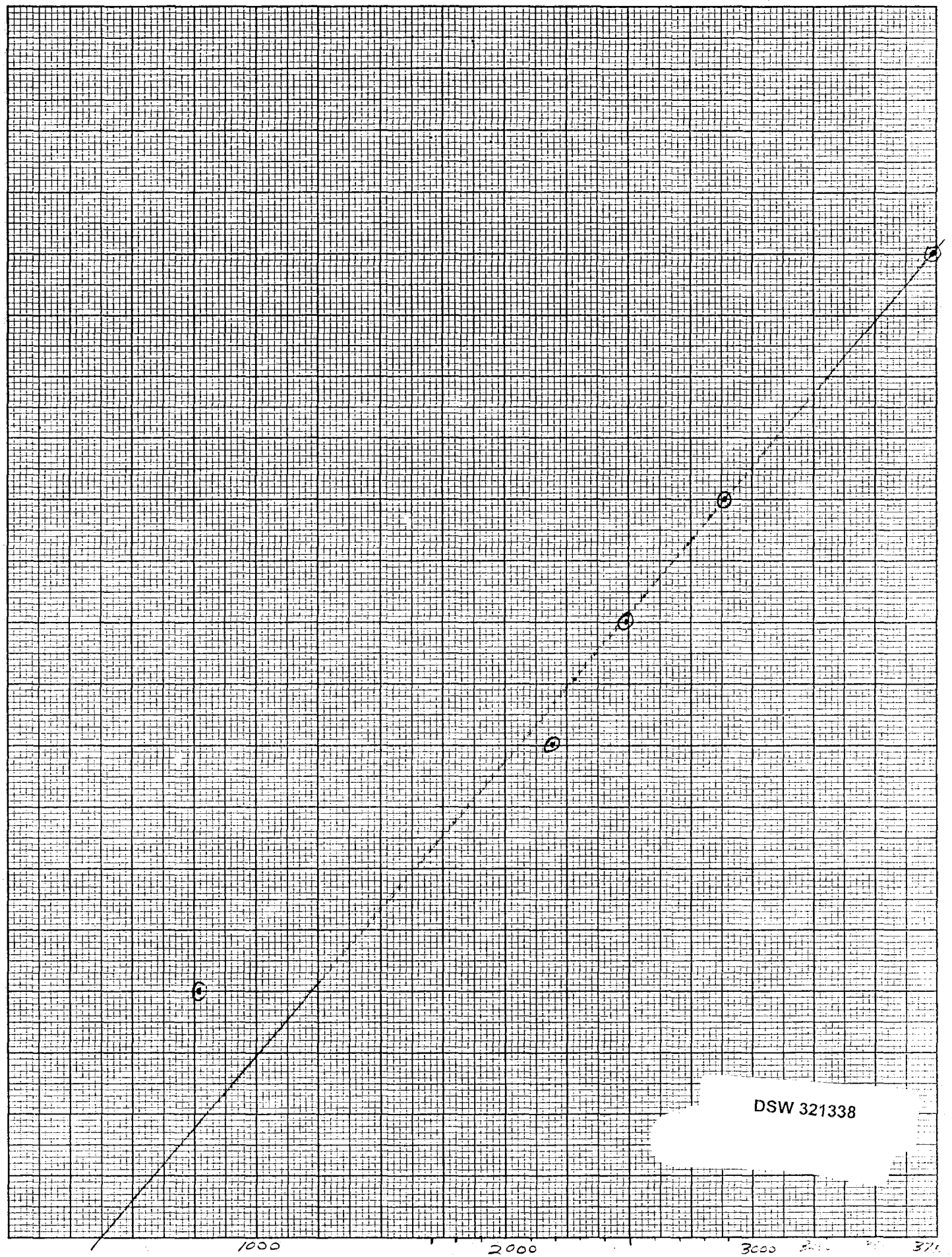
Eggs

INJECTION

ul		COUNTS	A-1260
2		760	0.985×10^{-6} g/ml
3			
4		2422 x 0.9016 = 2184	
5		2772 x 0.9016 = 2499	
6		3197 x 0.9016 = 2882	
7			
8		3732	

			ng/ml
2	(5ml) 60-1-9/5	2363	$4.74 \times 0.985 \times 10^{-6} \div 2$
2	" 60-1-9/24	2280	$4.54 \times 0.985 \times 10^{-6} \div 2$
2	" 60-1-9/26	3329	$7.06 \times 0.985 \times 10^{-6} \div 2$
2	" 60-1-9/28	2736	$5.64 \times 0.985 \times 10^{-6} \div 2$
2	" 60-1-9/30	2827	$5.87 \times 0.985 \times 10^{-6} \div 2$
7	(1ml) BIK 11/9 Eggs	508	$0.33 \times 0.985 \times 10^{-6} \div 7$
2	(5ml) 60-1-11/18	2558	$5.22 \times 0.985 \times 10^{-6} \div 2$
2	" 60-1-11/24	1662	$3.05 \times 0.985 \times 10^{-6} \div 2$
2	" 60-10-9/5 (2:10)(5:10)	2753	$5.68 \times 0.985 \times 10^{-6} \div 2$
2	" 60-10-11/18 (2:10)(5:10)	3305	$6.99 \times 0.985 \times 10^{-6} \div 2$
2	" 60-10-11/24 (2:10)(5:10)	1791	$3.37 \times 0.985 \times 10^{-6} \div 2$

DSW 321337



K&E 10 X 10 TO ½ INCH 46 1470
7½ X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

Eggs 42-10

11-20

1092 = 3.18 × 1.029 × $\frac{5000}{3}$ = 5454 ng

11-18

1194 = 3.46 × 1.029 × $\frac{5000}{3}$ = 5917

11-12

1344 = 3.92 × 1.029 × $\frac{5000}{3}$ × 5 = 33,614

9-30

1066 = 3.1 × 1.029 × $\frac{5000}{3}$ × 5 = 26,583

9-28

1283 = 3.72 × 1.029 × $\frac{5000}{2}$ = 9570 × 5 = 47,850

1990 = 5.75 × 1.029 × $\frac{5000}{3}$ × 5 = 49,306

9-26

1090 = 3.18 × 1.029 × $\frac{5000}{3}$ × 5 = 27,269

9-24

1534 = 4.45 × 1.029 × $\frac{5000}{3}$ × 5 = 38,159

A-II Rat -

1449 = 4.2 × 1.029 × $\frac{5000}{3}$ × 5 × 4 = 86,436

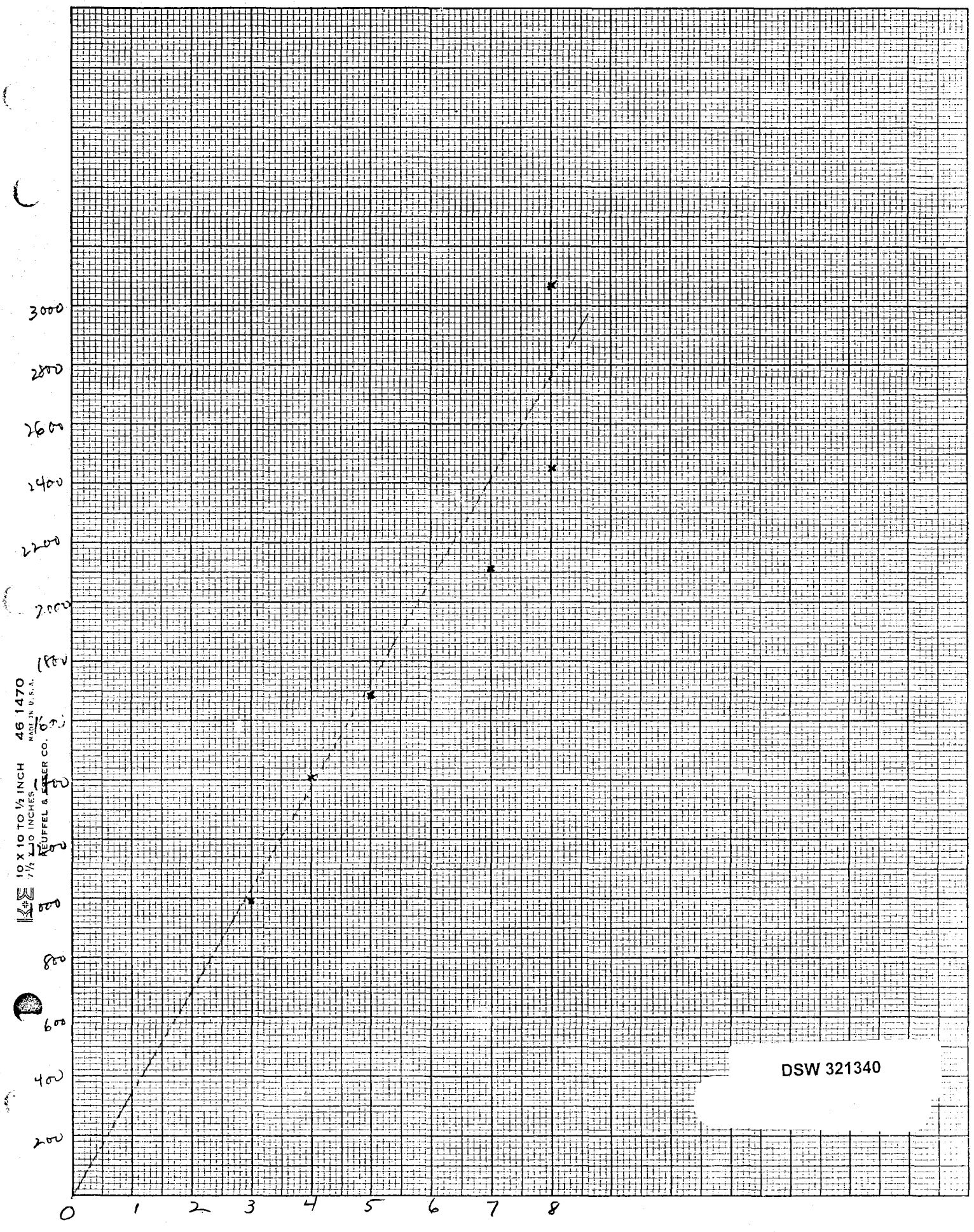
9/5 Egg 42-10

DSW 321339

2060 = 6 × 1.029 × $\frac{5000}{2}$ × 4 = 61,740

Blank BC

1312 = 3.8 × 1.029 × $\frac{1000}{7}$ = 559 ng


3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
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800
600
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5
6
7
8
10 X 10 TO ½ INCH
46 1470
MADE IN U.S.A.
KEUFFEL & ESSER CO.

DSW 321340

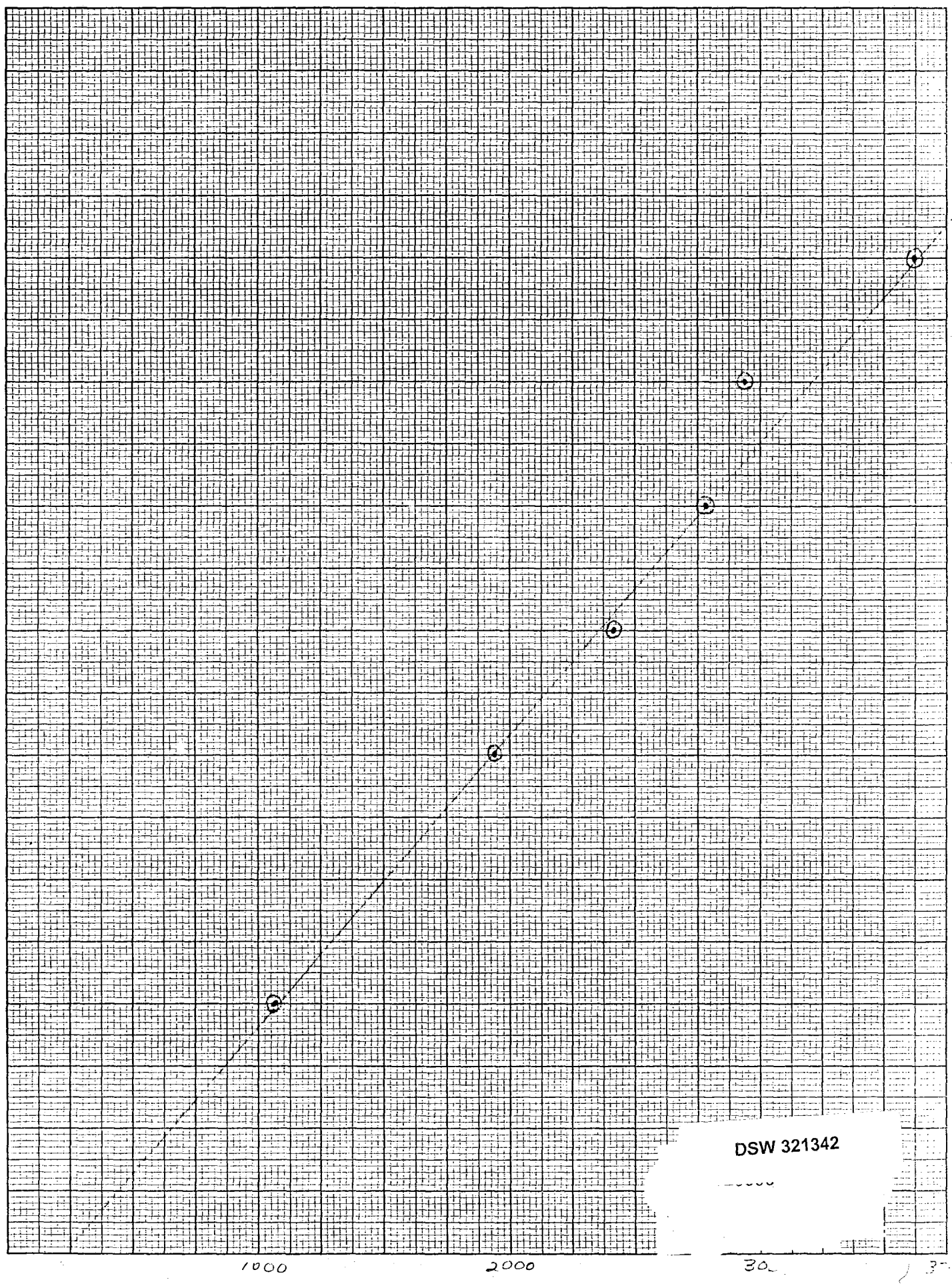
INJECTION

Eggs

11/16/71

ml		COUNTS	A-1254
2		1065	0.927×10^{-6} g/ml
3		—	
4		1937	
5		2290	
6		2780	
7		2931	
8		3619 ~~3305~~	
			ng/ml
6	54-100-9/5 (1:100)(1:5)	1766	$3.64 \times 0.927 \times 10^{-6} \div 6$
6	54-100-9/10 (1:100)(1:5)	1832	$3.78 \times 0.927 \times 10^{-6} \div 6$
6	54-100-9/26 (1:100)(1:5)	2335	$4.95 \times 0.927 \times 10^{-6} \div 6$
6	54-100-9/28 (1:100)(1:5)	2528	$5.42 \times 0.927 \times 10^{-6} \div 6$
6	54-100-9/29 (1:100)(1:5)	1531	$3.06 \times 0.927 \times 10^{-6} \div 6$
6	54-100-9/30 (1:100)(1:5)	2311	$4.88 \times 0.927 \times 10^{-6} \div 6$
6	54-100-11/2 (1:100)(1:5)	1447	$2.90 \times 0.927 \times 10^{-6} \div 6$
6	54-100-11/5 (1:100)(1:5)	1118	$2.25 \times 0.927 \times 10^{-6} \div 6$
6	54-100-10/24 (1:100)(1:5)	1602	$3.23 \times 0.927 \times 10^{-6} \div 6$

DSW 321341



STLCOPCB4072922

~~DOG~~ + EGGS 11-15-71

54-1

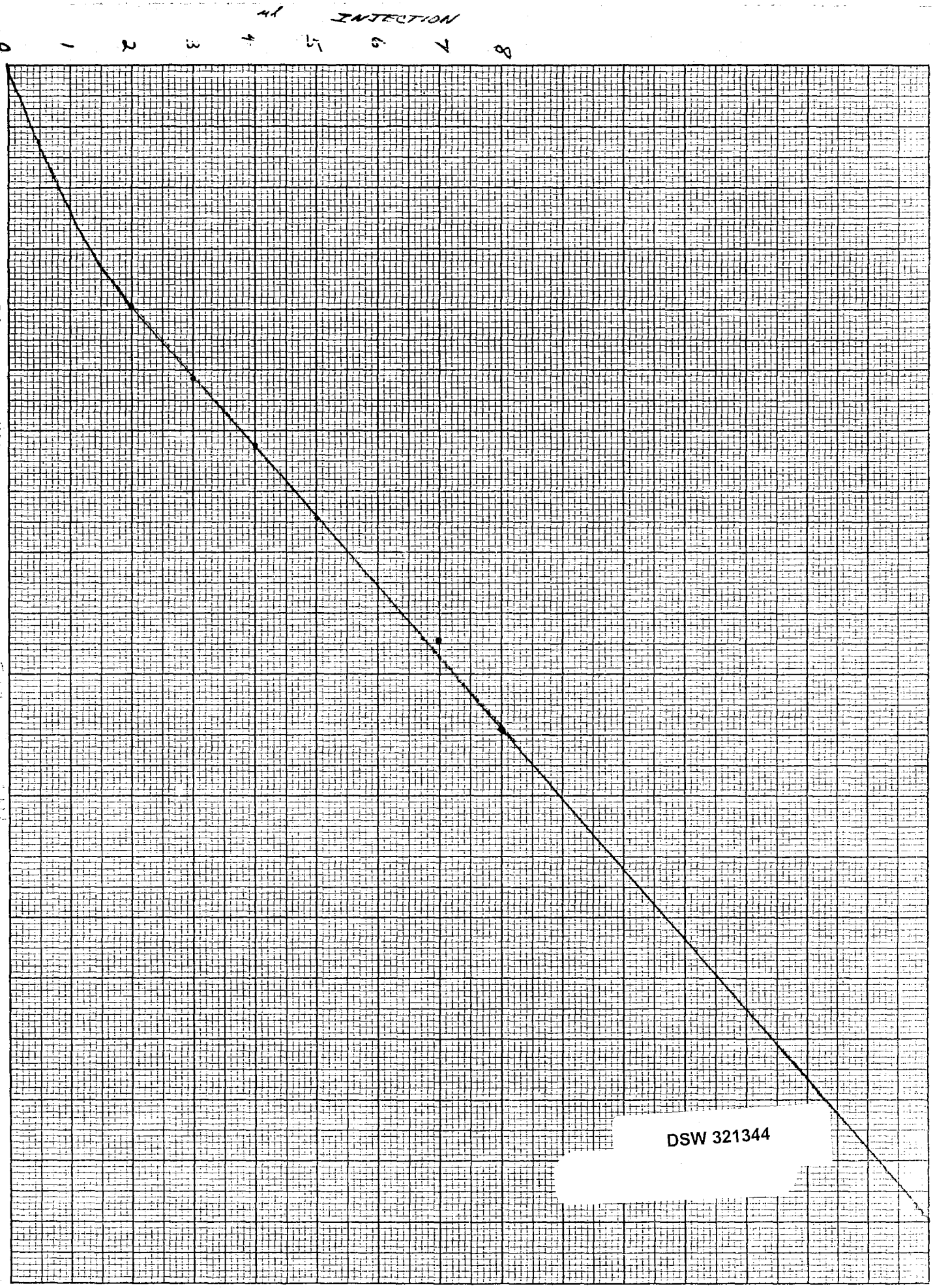
INJECTION	COUNTS	A-1254
2 ul	1983	0.927×10^{-6} g/ml
3	2566	
4	3114	
5	3704	
6		
7	4701	
8	5457	

				ng/ul
(7ul) 1ml 11-10 Egg BIK		920		$0.75 \times 0.927 \times 10^{-6}$ / 1
(5ul) 5ml 54-1-♀-M-2	DOGS	5741	BIK J	$8.50 \times 0.927 \times 10^{-6}$ / 5 = 1.5759
(5ul) 5ml 54-10-♀-F-1	DOGS	5094	BIK C	$7.38 \times 0.927 \times 10^{-6}$ / 5
(5ul) 5ml 54-10-♀-F-1	DOGS	5166	BIK C	$7.53 \times 0.927 \times 10^{-6}$ / 5
(2ul) 5ml 42-100-♀-L-2	DOGS	5207	INJ C Elbow	$7.62 \times 0.927 \times 10^{-6}$ / 2
3ml) 1:4 of 5ml 9/5-1-54	Eggs	1753		$1.70 \times 0.927 \times 10^{-6}$ / 3
(5ul) 1:5 of 5ml 11/12-1-54	Eggs	2858		$3.55 \times 0.927 \times$ / 5
(5ul) 1:5 of 5ml 11/18-1-54	Eggs	1389		$1.20 \times 0.927 \times$ / 5
(5ul) 1:5 of 5ml 11/24-1-54 *	Eggs	1299		$1.10 \times 0.927 \times$ / 5

54-1-♂-M-2	42-1073	$2.62 \times 1.051 = 2.75$
	54-4718	$6.75 \times 0.927 = 6.26$
54-10-♀-F-1	42-876	$2.13 \times 1.051 = 2.24$
	54-4218	$5.92 \times 0.927 = 5.49$
54-10-♂-F-1	42-356	$0.30 \times 1.051 = 0.32$
	54-4810	$6.92 \times 0.927 = 6.41$
42-100-♂-L-2	42-550	$1.025 \times 1.051 = 1.08$
	54-4657	$6.67 \times 0.927 = 6.18$

Dogs

DSW 321343


41 INJECTION
0 1 2 3 4 5 6 7 8
1000
2000
3000
COUNTS
DSW 321344
10 X 10 TO ½ INCH 46 1470
7½ X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.

1
2
3
4
5
6
7
500
1000
1500
2000
3000
KE 10 X 10 TO ½ INCH 46 1470
7½ X 10 INCHES MADE IN U.S.A.
KEUFFEL & ESSER CO.
DSW 321345