

Dead Storage 1306

R&S 036848

Vinyl Chloride: Inhalation and Sulfhydryl
Assay. 1973

K-1711-(11)

D.S. 1306

PV

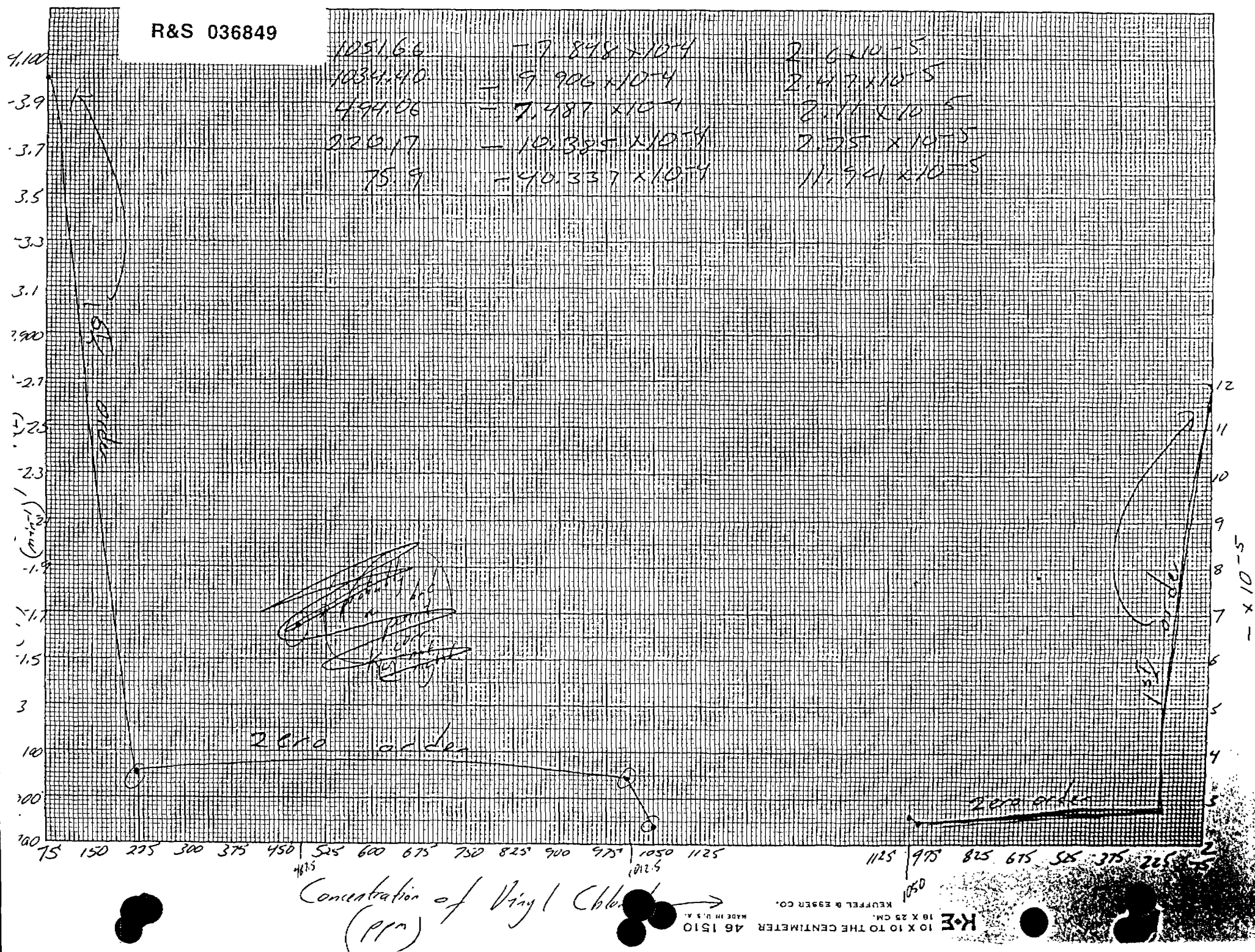


103432

7 of 8

56-6-01

R&S 036849



KE 10 X 10 TO THE CENTIMETER 46 1510
MADE IN U.S.A. KEUFFEL & ESSER CO.

SUBJECT

JOB NO. SHEET OF FILE BY DATE

ppm	K_L	O_2 consumed/lb	K_L O ₂ cons
1051.66	-7.848×10^{-4}	30.12	2.6×10^{-5}
1034.40	-9.906×10^{-4}	40.00	2.47×10^{-5}
(473.97)	(-1.6447×10^{-4})	(—)	(likely a bad point - S _L)
220.17	10.385×10^{-4}	37.65	2.75×10^{-5}
75.9	-40.337×10^{-4}	33.78	11.94×10^{-5}
494.06	-6.479×10^{-4}	35.39	1.83×10^{-5}
	8.497×10^{-4}		

$$\frac{6.477 \times 10^{-4}}{8.497 \times 10^{-4}} = \bar{C} K_L = 2.9601 \times 10^{-3}$$

$$\bar{C} K_L = 2.7581 \times 10^{-3} \quad K_{L, \text{ave.}} = 2.8591 \times 10^{-3}$$

Measure O₂ Consumed

Run conc. curve S_L for ≈ 500 ppm run
 same CO₂ temp, etc.

Run 50 ppm conc. O₂

R&S 036850

35 34

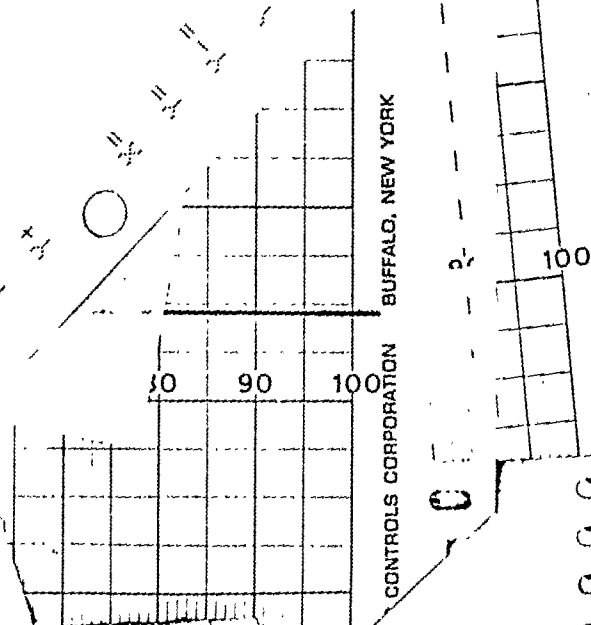
559.1251
524.5549
541.8400
90.0000

584.9524
559.0247
571.9886
75.0000

1519
365
71

Σ	%T	A	ΣC
10	29.3	.5332	728.71
15	31.1	.5072	693.18
30	33.0	.4814	657.5
45	34.7	.4597	628
60	36.6	.4385	59
75	38.0	.4203	
90	39.8	.4002	

68.988
336.89
75.00
354.79
60.00
378.93
45.00
30.00
400.00
30.00
28.10
431.07
15.00
90.00
494.06
00.0



R&S 036851

0000

695.667
689.4986
697.000

Y+=
Y=-

3/18/74

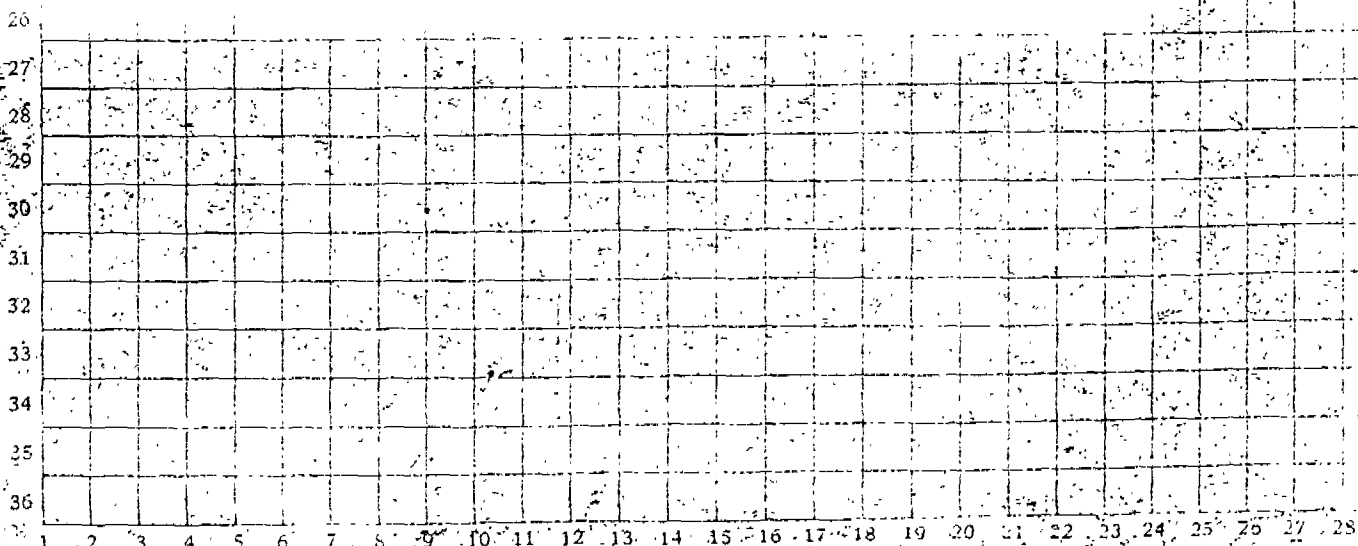
652
815

10L
552
4.5L consumed

U 25' 9' m
pin

t	%I	A_{W}	$A_{(base)}$	$A_{(c)}$	ppm
0	58.5	.2326	.0178	.2148	148.57
7.5	64	.1939		.1761	121.80
15	69	.1611		.1433	99.12
22.5	73	.1367		.1189	82.24
30	76.8	.1145		.0967	66.88
37.5	79.5	.0997		.0819	56.65
45	81.5	.0888		.0710	49.11
52.5	83.5	.0785		.0607	41.98
60	84.8	.0716		.0538	37.21
67.5	86.5	.0630		.0452	31.26
75.0	88.5	.0531		.0353	24.42

R&S 036852



51' SUBJECT

530

120

5000.1

630

110

53 min

70.91

Emp

SHEET

FILE

BY

DATE

t	%T	A _u	A _{base}	A _c	ppm
0	55.5	2558	0111	2947	169.25
7.5	58.5	2326	"	2215	152.15
15	59.5	2256	"	2145	148.36
22.5	60.5	2183	"	2075	143.52
30	61.5	2111	"	2000	138.33
37.5	62.5	2041	"	1930	133.49
45	63.5	1973	"	1862	128.79
52.5	64.5	1903	"	1792	123.95
60	65.5	1838	"	1727	119.45

drab

t	%T	A _u	A _{base}	A _c	ppm
0	52	2840	0111	2929	188.75
7.5	59	2292	"	2181	150.85
15	64.5	1903	"	1792	123.75
22.5	70	1560	"	1439	99.53
30	71.5	1277	"	1166	80.65
37.5	78	1079	"	1068	66.95
45	81	0916	"	10805	55.68
52.5	83.5	0785	"	10674	46.62

R&S 036853

SUBJECT

3/18/74

JOB NO.

SH

FILE

148.57

$$S = \frac{-9501.97157}{6187.5} = -1.53567$$

$$\{4\} \left\{ \begin{array}{l} 169.25 \\ -2497.2726 \\ 3375.0 \end{array} \right\} = -1.73993$$

$$2 \times 188.75$$

$$S_{exp} = \frac{-6227.39996}{2362.5} = -2.63593$$

1
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

$$\begin{array}{r} 1.53567 \\ -1.73993 \\ \hline -1.79574 \end{array} \quad S_{(4)} \quad \begin{array}{r} 2.63593 \\ -1.73993 \\ \hline 1.89600 \end{array}$$

R&S 036854

5.6 ¹⁻²⁰

t	$S(L)$		A	$\frac{4400}{90}$
0	%T			ppm
15	65.2	1.534	.1858	128.51
30	70.2	1.425	.1538	106.38
45	75.2	1.330	.1239	85.80
60	80.2	1.247	.0958	66.26
75	83.9	1.192	.0763	52.77
90	86.4	1.157	.0633	43.78
105	89.0	1.124	.0501	35.07
120	91.0	1.099	.0411	28.43

48.89
O₂ consumed

R&S 036855

t	$S_{exp.}$		A	C
0	56.3	1.776	.2495	172.57
15	65.9	1.518	.1812	125.33
30	74.0	1.351	.1306	90.33
45	81.1	1.233	.0909	62.87
60	86.9	1.151	.0641	42.26
75	89.8	1.114	.0468	32.37

1.0791

10.791 $S_{exp.}$

7.3865

3.4055 $\frac{1}{10} S_{CI}$

0000
1.776
1.77650

$\pm .1778$
97.74%

$$\frac{-9495}{128.51}$$

$$= 7.3865 \times 10^{-3}$$

$$\frac{-1.8622}{172.57} = S_{exp.}$$

$$1.0791 \times 10^{-3}$$

97.48% ± 0.4825

JOB NO.

SHEET

FILL

BY

Empty CM

t	T ₄₀	A	C
0	81.5	.0888	81.42
7.5	82.5	.0835	57.75
15.0	83.4	.0789	54.57
22.5	83.6	.0778	53.81
30	84.0	.0759	52.50
37.5	84.2	.0749	51.81
45.0	84.5	.0730	50.14
52.5	84.8	.0716	49.52
60.0	85.0	.0708	48.97
67.5	85.3	.0690	47.72
75.0	85.8	.0668	46.20

R&S 036856

(Serp) 10 L ~~100~~ 100
62 L ~~100~~

t	T ₄₀	A	C
0	81.5	.0888	61.42
7.5	84.5	.0730	50.49
15.0	86.5	.0630	43.58
22.5	88.5	.0531	36.73
30	90.5	.0433	29.95
37.5	92.5	.0338	23.38
45.0	94.0	.0270	18.68

(Serp) + pyrazole 10 L 300
5.5 L

t	T ₄₀	A	C
0	80.5	.0941	65.09
7.5	82.3	.0845	58.45
15.0	83.1	.0802	55.47
22.5	84.2	.0749	51.81
30.0	85.0	.0708	48.97
37.5	85.2	.0690	47.70
45.0	86.0	.0656	45.06
52.5	86.3	.0641	44.34
60.0	86.9	.0611	42.26
67.5	87.4	.0584	40.39
75.0	88.0	.0554	38.32
82.5	88.2	.0542	37.79