Attachment 1
Concentrations produced by diluter systems

DAJ
8/25/90

ESTIMATED CONCENTRATION SPREAD FOR MARQUETTE TEN-CELL DILUTER

CONTAINER NUMBER

#1	#2	#3	#4	#5	#6	#7	#8	#9
10.0	8.1	6.5	5.2	4.2	3.4	2.7	2.2	1.8
9.5	7.7	6.2	5.0	4.0	3.2	2.6	2.1	1.7
9.0	7.3	5.8	4.7	3.8	3.0	2.5	2.0	1.6
8.5	6.8	5.5	4.4	3.6	2.9	2.3	1.9	1.5
8.0	6.4	5.2	4.2	3.4	2.7	2.2	1.8	1.4
7.5	6.0	4.9	3.9	3.2	2.5	2.0	1.6	1.3
7.0	5.6	4.5	3.7	2.9	2.4	1.9	1.5	1.2
6.5	5.2	4.2	3.4	2.7	2.2	1.7	1.4	1.2
6.0	4.8	3.9	3.1	2.5	2.0	1.6	1.3	1.1
5.5	4.4	3.6	2.9	2.3	1.9	1.5	1.2	1.0
5.0	4.0	3.2	2.6	2.1	1.7	1.4	1.1	0.9
4.5	3.6	2.9	2.4	1.9	1.5	1.2	1.0	0.8
4.0	3.2	2.6	2.1	1.7	1.4	1.1	0.9	0.7
3.5	2.8	2.3	1.8	1.5	1.2	1.0	0.8	0.6
3.0	2.4	1.9	1.6	1.3	1.0	0.8	0.7	0.5
2.5	2.0	1.6	1.3	1.1	0.9	0.7	0.6	0.4
2.0	1.6	1.3	1.0	0.8	0.7	0.5	0.4	0.4
1.5	1.2	1.0	0.8	0.6	0.5	0.4	0.3	0.3
1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2

STOCK CONCENTRATION: 19.330 G ACTIVE TFM PER LITER OF SOLUTION.
BASIC DILUTION FACTOR: 0.805

TABLE 1.

QUICK REFERENCE CHART FOR ESTIMATED CONCENTRATION RELATIONSHIPS

HIGH	#2	#3	#4	#5	#6	LOW
1.0	0.8	0.6	0.5	0.4	0.3	0.3
1.5	1.2	1.0	0.8	0.6	0.5	0.4
2.0	1.6	1.3	1.1	0.9	0.7	0.6
2.5	2.0	1.6	1.3	1.1	0.9	0.7
3.0	2.4	2.0	1.6	1.3	1.0	0.8
3.5	2.8	2.3	1.9	1.5	1.2	1.0
4.0	3.2	2.6	2.1	1.7	1.4	1.1
4.5	3.6	3.0	2.4	1.9	1.6	1.3
5.0	4.1	3.3	2.7	2.2	1.7	1.4
5.5	4.5	3.6	2.9	2.4	1.9	1.6
6.0	4.9	3.9	3.2	2.6	2.1	1.7
6.5	5.3	4.3	3.5	2.8	2.3	1.8
7.0	5.7	4.6	3.7	3.0	2.4	2.0
7.5	6.1	4.9	4.0	3.2	2.6	2.1
8.0	6.5	5.2	4.3	3.4	2.8	2.3
8.5	6.9	5.6	4.5	3.7	3.0	2.4
9.0	7.3	5.9	4.9	4.0	3.1	2.5
9.5	7.7	6.2	5.0	4.1	3.3	2.7
10.0	8.1	6.6	5.3	4.3	3.5	2.8
10.5	8.5	6.9	5.6	4.5	3.7	3.0
11.0	8.9	7.2	5.8	4.7	3.8	3.1
11.5	9.3	7.5	6.1	5.0	4.0	3.2
12.0	9.7	7.9	6.4	5.2	4.2	3.4
12.5	10.1	8.2	6.6	5.4	4.4	3.5
13.0	10.5	8.5	6.9	5.6	4.5	3.7
13.5	10.9	8.9	7.2	5.8	4.7	3.8
14.0	11.3	9.2	7.4	6.0	4.9	4.0
14.5	11.7	9.5	7.7	6.2	5.1	4.1
15.0	12.2	9.8	8.0	6.5	5.2	4.2
15.5	12.6	10.2	8.2	6.6	5.4	4.4
16.0	13.0	10.5	8.5	6.9	5.6	4.5
16.5	13.4	10.8	8.8	7.1	5.8	4.7
17.0	13.8	11.2	9.0	7.3	5.9	4.8
17.5	14.2	11.5	9.3	7.5	6.1	4.9
18.0	14.6	11.8	9.6	7.7	6.3	5.1
18.5	15.0	12.1	9.8	8.0	6.5	5.2
19.0	15.4	12.5	10.1	8.2	6.6	5.4
19.5	15.8	12.8	10.4	8.4	6.8	5.5
20.0	16.2	13.1	10.6	8.6	7.0	5.6