

Table 1. Estimated concentration spread for NYSDEC 10-cell dilutor.

Container Number								
10	9	8	7	6	5	4	3	2
TFM Concentration*								
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

* If higher concentrations are required, multiply highest desired TFM concentration (e.g., >10 mg/L) by 0.805 to get concentrations for container numbers 9 - 2.

Table 2. Pipettor nomograph for 10-200 dispensing syringe.

Pump Setting s	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
20	849	877	904	930	954	978	1001	1023	1044	1046
30	1084	1103	1121	1139	1156	1173	1189	1205	1221	1236
40	1250	1265	1279	1292	1305	1319	1331	1344	1356	1368
50	1380	1391	1402	1413	1424	1435	1445	1455	1466	1475
60	1485	1495	1504	1513	1523	1532	1540	1549	1558	1566
70	1575	1583	1591	1599	1607	1614	1622	1630	1637	1645
80	1652	1659	1666	1673	1680	1687	1694	1700	1707	1714
90	1720	1727	1733	1739	1745	1751	1758	1764	1769	1775
100	1781	1787	1793	1798	1804	1809	1815	1820	1826	1831
110	1836	1842	1847	1852	1857	1862	1867	1872	1877	1882
120	1887	1892	1896	1901	1906	1910	1915	1920	1924	1929
130	1933	1938	1942	1946	1951	1955	1959	1964	1968	1972
140	1976	1980	1984	1988	1992	1996	2000	2004	2008	2012
150	2016	2020	2024	2028	2031	2035	2039	2043	2046	2050
160	2053	2057	2061	2064	2068	2071	2075	2078	2082	2085
170	2089	2092	2095	2099	2102	2105	2109	2112	2115	2118
180	2122	2125	2128	2131	2134	2138	2141	2144	2147	2150
190	2153	2156	2159	2162	2165	2168	2171	2174	2177	2180

* Based on 11,250 mg/L A.I. free cresol stock solution.

Table 3. Pipettor nomograph for 10-2000 dispensing syringe.

Pump Setting s	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
10	621	677.9	734.8	791.7	848.6	905.5	962.4	1019	1076	1133
20	1190	1244	1298	1352 ≥1-L*	1406	1460	1514	1568	1621	1675
30	1729	1780	1831	1882	1933	1984	2034	2085	2136	2187
40	2235	2284	2333	2382	2431	2480	2529	2578	2627 ≥2-L	2676
50	2725	2772	2818	2865	2911	2958	3005	3051	3098	3144
60	3191	3235	3278	3322	3366	3409	3453	3497	3540	3584
70	3628	3669	3711	3752	3794	3835	3876	3918	3959	4001
80	4042	4084	4126	4167 ≥3-L	4209	4251	4292	4334	4376	4418
90	4460	4499	4539	4578	4618	4657	4696	4736	4775	4815
100	4854	4892	4930	4967	5005	5043	5081	5118	5156	5194
110	5232	5268	5303	5339	5374	5410	5446	5481	5517	5552 ≥4-L
120	5588	5625	5662	5699	5736	5774	5811	5848	5885	5922
130	5959	5991	6023	6055	6087	6120	6152	6184	6216	6248
140	6280	6316	6352	6388	6424	6459	6495	6531	6567	6603 ≥5-L

* Volume of 11,250 mg/L A.I. free cresol stock solution required for 12-hour toxicity test.