

STANDARD PREPARATION TABLE

CONCENTRATION OF STOCK STANDARD (ppm)

	12.5	12.5	12.5	12.5	12.5	12.5	50	50	50	50	50	50	100	100	100	100	100	100	1000	1000	1000	1000	1000	1000
0.05	0.2	0.4	0.8	1.0	2.0	4.0	0.05	0.1	0.2	0.25	0.5	1.0	-	0.05	0.1	0.125	0.25	0.5	-	-	-	-	-	0.05
0.1	0.4	0.8	1.6	2.0	4.0	8.0	0.1	0.2	0.4	0.5	1.0	2.0	0.05	0.1	0.2	0.25	0.5	1.0	-	-	-	-	0.05	0.1
0.2	0.8	1.6	3.2	4.0	8.0	16.0	0.2	0.4	0.8	1.0	2.0	4.0	0.1	0.2	0.4	0.5	1.0	2.0	-	-	-	0.05	0.1	0.2
0.4	1.6	3.2	8.0	8.0	16.0	32.0	0.4	0.8	1.6	2.0	4.0	8.0	0.2	0.4	0.8	1.0	2.0	4.0	-	-	0.08	0.1	0.2	0.4
0.5	2.0	4.0	-	10.0	20.0	40.0	0.5	1.0	2.0	2.5	5.0	10.0	0.25	0.5	1.0	1.25	2.5	5.0	-	0.05	0.1	0.125	0.25	0.5
0.8	3.2	6.4	-	16.0	32.0	-	0.8	1.6	3.2	4.0	8.0	16.0	0.4	0.8	1.6	2.0	4.0	8.0	-	0.08	0.16	0.2	0.4	0.8
1.0	4.0	8.0	-	20.0	40.0	-	1.0	2.0	4.0	5.0	10.0	20.0	0.5	1.0	2.0	2.5	5.0	10.0	0.05	0.1	0.2	0.25	0.5	1.0
2.0	8.0	-	-	40.0	-	-	2.0	4.0	8.0	10.0	20.0	40.0	1.0	2.0	4.0	5.0	10.0	20.0	0.1	0.2	0.4	0.5	1.0	2.0
4.0	-	-	-	-	-	-	4.0	8.0	-	20.0	40.0	-	2.0	4.0	8.0	10.0	20.0	40.0	0.2	0.4	0.8	1.0	2.0	4.0
8.0	-	-	-	-	-	-	8.0	-	-	40.0	-	-	4.0	8.0	-	20.0	40.0	-	0.4	0.8	1.6	2.0	4.0	8.0
	50	100	200	250	500	1000	50	100	200	250	500	1000	50	100	200	250	500	1000	50	100	200	250	500	1000

FINAL VOLUME (mL)

Directions:

1. Find desired final concentration in far left column
2. Follow that row across to the six-box section coinciding with your stock standard concentration (top row)
3. From that section of six white boxes, choose the one that coincides with the appropriate final volume (bottom row)
4. Use that volume (mL) of stock standard to prepare your standard.

FINAL CONCENTRATION (ppm)