

### Tc-99m DECAY FACTORS

0 hr		1 hr		2 hr		3 hr		4 hr		5 hr		6 hr	
Time	Factor	Time	Factor	Time	Factor	Time	Factor	Time	Factor	Time	Factor	Time	Factor
0 hr	1.000	1 hr	0.891	2 hr	0.794	3 hr	0.708	4 hr	0.631	5 hr	0.562	6 hr	0.501
5	0.990	5	0.883	5	0.787	5	0.701	5	0.625	5	0.557	5	0.496
10	0.981	10	0.874	10	0.779	10	0.695	10	0.619	10	0.552	10	0.492
15	0.972	15	0.866	15	0.772	15	0.688	15	0.613	15	0.546	15	0.487
20	0.962	20	0.858	20	0.764	20	0.681	20	0.607	20	0.541	20	0.482
25	0.953	25	0.850	25	0.757	25	0.675	25	0.601	25	0.536	25	0.478
30	0.944	30	0.841	30	0.75	30	0.668	30	0.596	30	0.531	30	0.473
35	0.935	35	0.833	35	0.743	35	0.662	35	0.590	35	0.526	35	0.469
40	0.926	40	0.825	40	0.736	40	0.656	40	0.584	40	0.521	40	0.464
45	0.917	45	0.818	45	0.729	45	0.649	45	0.579	45	0.516	45	0.460
50	0.909	50	0.810	50	0.722	50	0.643	50	0.573	50	0.511	50	0.455
55	0.900	55	0.802	55	0.715	55	0.637	55	0.568	55	0.506	55	0.451

Calculated using the formula  $A=A_0e^{-\lambda t}$   $\lambda = 0.693/t_{1/2}$   
 Half-life 6.02 Hours