

I-131 DECAY TABLE

HALF-LIFE = 8.01 days

		Hours											
		0	1	2	3	4	5	6	7	8	9	10	11
Days	0.0	1.0000	0.9964	0.9928	0.9892	0.9857	0.9821	0.9786	0.9751	0.9716	0.9681	0.9646	0.9611
	0.5	0.9577	0.9542	0.9508	0.9474	0.9440	0.9406	0.9372	0.9338	0.9304	0.9271	0.9238	0.9204
	1.0	0.9171	0.9138	0.9105	0.9073	0.9040	0.9007	0.8975	0.8943	0.8910	0.8878	0.8846	0.8815
	1.5	0.8783	0.8751	0.8720	0.8688	0.8657	0.8626	0.8595	0.8564	0.8533	0.8503	0.8472	0.8441
	2.0	0.8411	0.8381	0.8351	0.8321	0.8291	0.8261	0.8231	0.8202	0.8172	0.8143	0.8113	0.8084
	2.5	0.8055	0.8026	0.7997	0.7968	0.7940	0.7911	0.7883	0.7854	0.7826	0.7798	0.7770	0.7742
	3.0	0.7714	0.7686	0.7659	0.7631	0.7604	0.7576	0.7549	0.7522	0.7495	0.7468	0.7441	0.7414
	3.5	0.7387	0.7361	0.7334	0.7308	0.7282	0.7255	0.7229	0.7203	0.7177	0.7152	0.7126	0.7100
	4.0	0.7075	0.7049	0.7024	0.6999	0.6973	0.6948	0.6923	0.6898	0.6874	0.6849	0.6824	0.6800
	4.5	0.6775	0.6751	0.6726	0.6702	0.6678	0.6654	0.6630	0.6606	0.6583	0.6559	0.6535	0.6512
	5.0	0.6488	0.6465	0.6442	0.6419	0.6395	0.6372	0.6349	0.6327	0.6304	0.6281	0.6259	0.6236
	5.5	0.6214	0.6191	0.6169	0.6147	0.6125	0.6103	0.6081	0.6059	0.6037	0.6015	0.5994	0.5972
	6.0	0.5951	0.5929	0.5908	0.5887	0.5865	0.5844	0.5823	0.5802	0.5781	0.5761	0.5740	0.5719
	6.5	0.5699	0.5678	0.5658	0.5637	0.5617	0.5597	0.5577	0.5557	0.5537	0.5517	0.5497	0.5477
7.0	0.5457	0.5438	0.5418	0.5399	0.5379	0.5360	0.5341	0.5321	0.5302	0.5283	0.5264	0.5245	
7.5	0.5226	0.5208	0.5189	0.5170	0.5152	0.5133	0.5114	0.5096	0.5078	0.5059	0.5041	0.5023	
8.0	0.5005	0.4987	0.4969	0.4951	0.4933	0.4916	0.4898	0.4880	0.4863	0.4845	0.4828	0.4810	
8.5	0.4793	0.4776	0.4759	0.4742	0.4725	0.4708	0.4691	0.4674	0.4657	0.4640	0.4623	0.4607	
9.0	0.4590	0.4574	0.4557	0.4541	0.4525	0.4508	0.4492	0.4476	0.4460	0.4444	0.4428	0.4412	
9.5	0.4396	0.4380	0.4364	0.4349	0.4333	0.4317	0.4302	0.4286	0.4271	0.4256	0.4240	0.4225	
10.0	0.4210	0.4195	0.4180	0.4165	0.4150	0.4135	0.4120	0.4105	0.4090	0.4075	0.4061	0.4046	
10.5	0.4032	0.4017	0.4003	0.3988	0.3974	0.3960	0.3945	0.3931	0.3917	0.3903	0.3889	0.3875	
11.0	0.3861	0.3847	0.3833	0.3819	0.3806	0.3792	0.3778	0.3765	0.3751	0.3738	0.3724	0.3711	

$$A = A(0) * \exp((-0.693/\text{half-life in days}) * t)$$

$$t = \text{time in days} = \text{time in hours}/24$$