

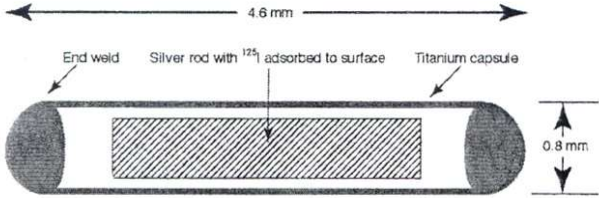
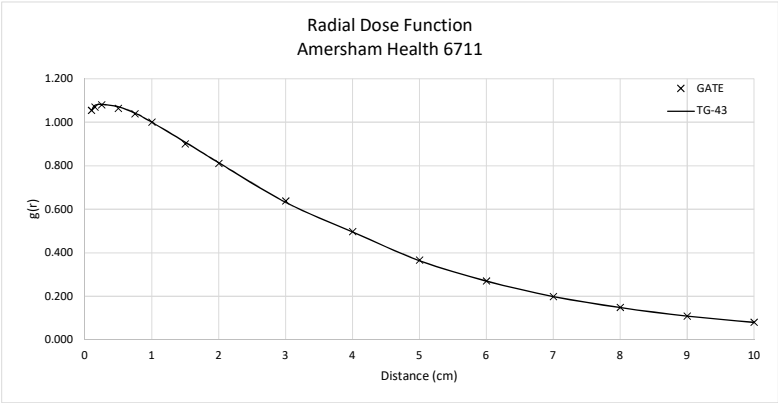
Dose-Rate Constant

	GATE	TG-43	%	ABS%
$\Lambda =$	0.964 cGy/(hU)	0.965 cGy/(hU)	-0.10	0.10

Radial-Dose Function Table

$g(r)$

r(cm)	GATE	TG-43	%	ABS%
0.1	1.054	1.055	-0.08	0.08
0.15	1.069	1.078	-0.80	0.80
0.25	1.080	1.082	-0.18	0.18
0.5	1.064	1.071	-0.68	0.68
0.75	1.039	1.042	-0.33	0.33
1	1.000	1	0.00	0.00
1.5	0.900	0.908	-0.88	0.88
2	0.811	0.814	-0.42	0.42
3	0.637	0.632	0.86	0.86
4	0.497	0.496	0.20	0.20
5	0.366	0.364	0.63	0.63
6	0.270	0.27	-0.05	0.05
7	0.198	0.199	-0.32	0.32
8	0.149	0.148	0.56	0.56
9	0.108	0.109	-0.90	0.90
10	0.080	0.0803	-0.47	0.47



Amersham Health model 6711 source

Anisotropy Function Table

$F(r, \theta)$

θ (°)	r (cm)				
	F(0.5)	F(1)	F(2)	F(3)	F(5)
0	0.320	0.400	0.412	0.488	0.565
5	0.425	0.418	0.509	0.558	0.620
10	0.507	0.504	0.599	0.642	0.714
20	0.663	0.672	0.767	0.788	0.804
30	0.848	0.839	0.866	0.870	0.872
40	0.923	0.915	0.935	0.909	0.913
50	0.961	0.962	0.978	0.982	0.966
60	1.017	1.018	0.978	0.987	1.013
70	1.013	0.986	1.006	1.007	1.031
80	0.979	0.980	1.032	1.026	1.022

TG-43				
F(0.5)	F(1)	F(2)	F(3)	F(5)
0.333	0.370	0.442	0.488	0.550
0.400	0.429	0.497	0.535	0.587
0.519	0.537	0.580	0.609	0.645
0.716	0.705	0.727	0.743	0.760
0.846	0.834	0.842	0.846	0.852
0.926	0.925	0.926	0.926	0.928
0.972	0.972	0.970	0.969	0.969
0.991	0.991	0.987	0.987	0.987
0.996	0.996	0.996	0.995	0.995
1.000	1.000	1.000	0.999	0.999

%				
F(0.5)	F(1)	F(2)	F(3)	F(5)
-3.91	8.05	-6.86	-0.04	2.79
6.14	-2.53	2.33	4.33	5.59
-2.24	-6.09	3.33	5.37	10.74
-7.47	-4.72	5.56	6.08	5.73
0.24	0.65	2.80	2.82	2.34
-0.30	-1.10	1.00	-1.87	-1.64
-1.09	-1.00	0.78	1.30	-0.30
2.62	2.72	-0.87	-0.04	2.62
1.68	-1.02	1.00	1.18	3.66
-2.14	-2.05	3.19	2.66	2.32

ABS %				
F(0.5)	F(1)	F(2)	F(3)	F(5)
3.91	8.05	6.86	0.04	2.79
6.14	2.53	2.33	4.33	5.59
2.24	6.09	3.33	5.37	10.74
7.47	4.72	5.56	6.08	5.73
0.24	0.65	2.80	2.82	2.34
0.30	1.10	1.00	1.87	1.64
1.09	1.00	0.78	1.30	0.30
2.62	2.72	0.87	0.04	2.62
1.68	1.02	1.00	1.18	3.66
2.14	2.05	3.19	2.66	2.32