

Table 25-4 Activity-Mass Relationships for Uranium

Uranium Enrichment <sup>1</sup> wt % U-235 present	Specific Activity	
	TBq/g	Ci/g
0.45	$1.8 \times 10^{-8}$	$5.0 \times 10^{-7}$
0.72	$2.6 \times 10^{-8}$	$7.1 \times 10^{-7}$
1	$2.8 \times 10^{-8}$	$7.6 \times 10^{-7}$
1.5	$3.7 \times 10^{-8}$	$1.0 \times 10^{-6}$
5	$1.0 \times 10^{-7}$	$2.7 \times 10^{-6}$
10	$1.8 \times 10^{-7}$	$4.8 \times 10^{-6}$
20	$3.7 \times 10^{-7}$	$1.0 \times 10^{-5}$
35	$7.4 \times 10^{-7}$	$2.0 \times 10^{-5}$
50	$9.3 \times 10^{-7}$	$2.5 \times 10^{-5}$
90	$2.2 \times 10^{-6}$	$5.8 \times 10^{-5}$
93	$2.6 \times 10^{-6}$	$7.0 \times 10^{-5}$
95	$3.4 \times 10^{-6}$	$9.1 \times 10^{-5}$

<sup>1</sup> The figures for uranium include representative values for the activity of the uranium-234 that is concentrated during the enrichment process.