

Figure: 25 TAC §289.257(ee)(9)

Table 257-6: Activity-mass Relationships for Uranium

Uranium Enrichment* wt % U-235 present	Specific Activity TBq/g	Specific Activity Ci/g
0.45	$1.8 \times 10^{-8}$	$5.0 \times 10^{-7}$
0.72	$2.6 \times 10^{-8}$	$7.1 \times 10^{-7}$
1.0	$2.8 \times 10^{-8}$	$7.6 \times 10^{-7}$
1.5	$3.7 \times 10^{-8}$	$1.0 \times 10^{-6}$
5.0	$1.0 \times 10^{-7}$	$2.7 \times 10^{-6}$
10.0	$1.8 \times 10^{-7}$	$4.8 \times 10^{-6}$
20.0	$3.7 \times 10^{-7}$	$1.0 \times 10^{-5}$
35.0	$7.4 \times 10^{-7}$	$2.0 \times 10^{-5}$
50.0	$9.3 \times 10^{-7}$	$2.5 \times 10^{-5}$
90.0	$2.2 \times 10^{-6}$	$5.8 \times 10^{-5}$
93.0	$2.6 \times 10^{-6}$	$7.0 \times 10^{-5}$
95.0	$3.4 \times 10^{-6}$	$9.1 \times 10^{-5}$

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\* The figures for uranium include representative values for the activity of the uranium-235 which is concentrated during the enrichment process.