

Available radiation qualities

Gamma emitting sources	Energy (keV)	Air kerma rate	
⁶⁰ Co	1250	0.03 - 18000	mGy/h
¹³⁷ Cs	662	0.0003 - 80	mGy/h
²⁴¹ Am	59.5	2.7 - 54	μGy/h
Beta emitting sources	Energy (keV)	Dose rate (Hp(0.07))	
⁸⁵ K	687	46	mSv/h
⁹⁰ Sr/ ⁹⁰ Y	546/2273	5.2	mSv/h
⁹⁰ Sr/ ⁹⁰ Y	546/2273	133	mSv/h
¹⁴⁷ Pm	225	2	mSv/h
Neutron emitting sources	Energy (keV)	Dose rate (H*(10))	
²⁵² Cf	2130	500	μSv/h
²⁵² Cf	2130	1300	μSv/h
²⁴¹ Am ⁹ Be	4100	32	μSv/h
²⁴¹ Am ⁹ Be	4100	102	μSv/h
²⁴¹ Am ⁹ Be	4100	1020	μSv/h
Planar sources (radiation quality)	Energy (keV)	Surface emission rate	
⁹⁰ Sr/ ⁹⁰ Y (beta)	546/2273	11.8	1/(s cm ²)
³⁶ Cl (beta)	710	5.2	1/(s cm ²)
¹⁴ C (beta)	156	3.6	1/(s cm ²)
²⁴¹ Am (alpha)	5486	5.5	1/(s cm ²)
⁶⁰ Co (beta)	318	1	1/(s cm ²)
²³⁹ Pu (alpha)	5156	4.9	1/(s cm ²)
¹³⁷ Cs (beta)	512	5.4	1/(s cm ²)

X-ray radiation qualities available in a separate table