





GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ⁴⁹Cr Half Life: 42.3(1) min. Detector: 4.55 cm² x 8 mm Ge(Li) Method of Production: ⁵⁰Cr(γ,n)

	E_{γ} (keV)	$σ$ Ε $_{\gamma}$	I_{γ} (rel)	l _γ (%)	σ l _γ	S
	62.289	0.002	26.6	16.4	0.6	1
	90.639	0.002	100	53.2	1.9	1
	152.928	0.002	58.9	30.3	1.1	1
Ann.	511.006			183	4	1
	595.3			0.0003		4
	657.5			0.0003		4
	1021.3			0.0011		4
	1027.2	1.2		0.0001		4
	1064.60	0.20				4
	1155.30	0.20		0.0001		4
	1361.61	0.07		0.045	0.005	4
	1384.					4
	1423.3	0.3		0.010	0.003	4
	1433.					4
	1449.					4
	1508.30	0.20		0.008	0.003	4
	1514.10	0.20		0.026	0.003	4
	1570.60	0.20		0.020	0.003	4
	2091.1	0.7		0.0004	0.0001	4
	2143.7	0.6		0.0009	0.0001	4
	2183.0	1.0				4
	2218.6	1.0		0.0002	0.0001	4
	2236.2	1.0		0.0002	0.0001	4

 E_{γ} , σE_{γ} , I_{γ} , σI_{γ} - 1998 ENSDF Data



