



• Kits of gamma sources for activity calibration

The kits contain **nine point sources** (active diameter 3 mm) selected to cover the widest possible range of gamma energies and enable plotting of the activity calibration curve of **gamma spectrometers as a function of gamma energy**.

• Content of kit type **9CH03** : ²⁴¹Am, ⁵⁷Co, ⁶⁰Co, ⁵¹Cr, ¹³⁷Cs, ⁵⁴Mn, ²²Na, ⁸⁵Sr, ⁸⁸Y

Product code	Activity/source		Approximate total activity kBq	Outside Diameter mm	Type	Measurement uncertainty %
	kBq	μCi				
9CH03EGSA10	4	1,1 x 10 ⁻¹	3,6 x 10 ¹	25	A	1,5 to 3,5
9CH03EGSA15	4 x 10 ¹	1,1	3,6 x 10 ²	25	A	1,5 to 3,5
9CH03EGSA20	4 x 10 ²	1,1 x 10 ¹	3,6 x 10 ³	25	A	1,5 to 3,5

• Kits of gamma sources for efficiency measurements

The kits of gamma sources enable direct, high-precision plotting of the efficiency/energy curves of gamma spectrometers without requiring the decay scheme parameters for the radionuclides used.

Each kit contains **ten point sources** selected to cover the widest possible range of gamma energies.



• Content of kit type **9CH04** | ²⁴¹Am | ¹⁰⁹Cd | ¹³⁹Ce | ⁵⁷Co | ⁵¹Cr | ¹³⁷Cs | ⁵⁴Mn | ¹¹³Sn | ⁸⁵Sr | ⁶⁵Zn |

Product code	γ flux within 4 π sr s ⁻¹	Approximate total activity kBq	Outside Diameter mm	Type	Measurement uncertainty %
9CH04EGEA10	3,3 x 10 ⁴	1,6 x 10 ³	25	A	1,5 to 3,5
9CH04EGEE10	3,3 x 10 ⁴	1,6 x 10 ³	38	E	1,5 to 3,5

• Made-to-measure gamma kit on request