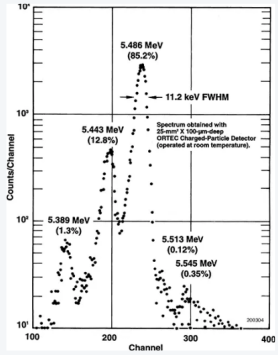
ORTEC

ORTEC Am-1C

Alpha calibration source

ORTEC Am-1C — ^{241}Am.



Radionuclide	Nominal activity	Calibration
^{241}Am [1]	**0.1 µCi** [1]	**Within 1 % of absolute disintegration rate** [1]

Specifications

Radionuclide	^{241}Am	[1]
Nominal activity	0.1 µCi	[1]
Calibration	Within 1 % of absolute disintegration rate	[1]
Main alpha energy	5.486 MeV (85 %)	[1]
Nominal active diameter	3 mm	[1]
Substrate	Platinum, 0.127 mm thick; 12.7 mm diameter	[1]
Equivalent source thickness	<8 keV	[1]
Holder	Stainless steel, 6.35 mm thick; 17.46 mm outside diameter	[1]

Sources

[1] **Am-1 Ultra-Thin Window Alpha Source (brochure 24-0712)**
ORTEC (AMETEK) · brochure · p. 1, "Calibrated 241Am Source"; p. 1, Specifications · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin…

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.