

Dose calibrator sources



TECHNICAL INFORMATION

The dose calibrators are sealed sources, made in a plastic bottle allowing easy and safe handling.

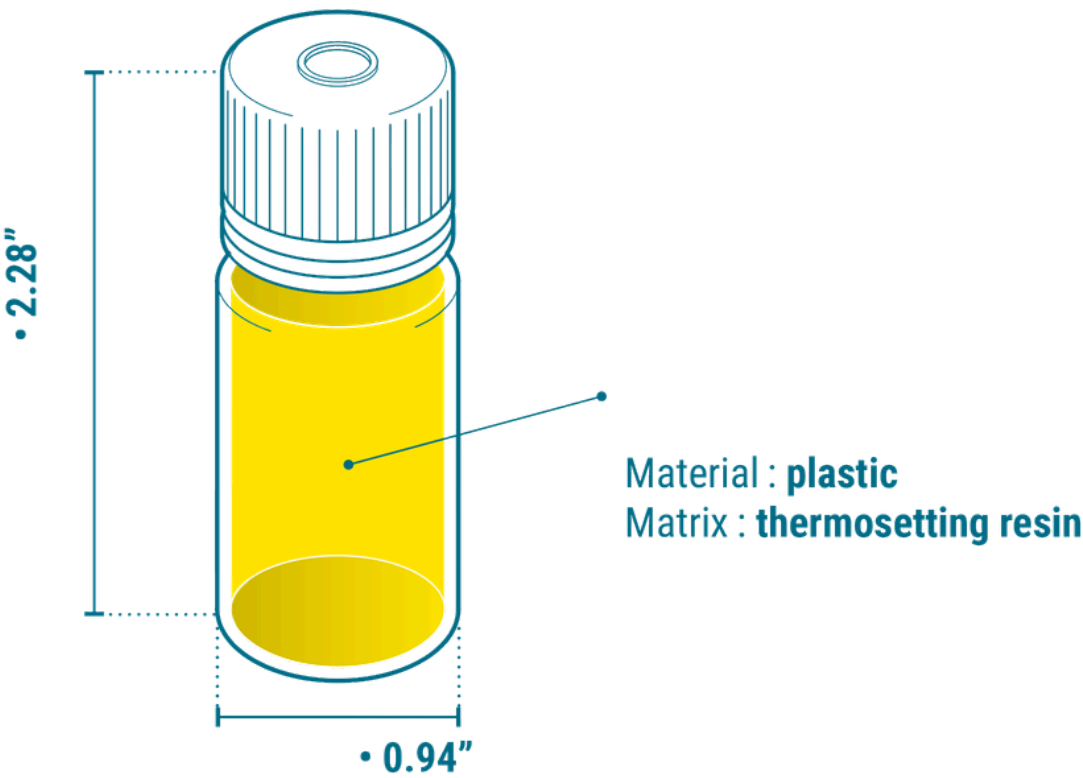
The radionuclide is distributed homogeneously within a thermosetting resin.

The radionuclides supplied by the LEA emit gamma rays close to those of the radionuclides most used in nuclear medicine (^{18}F , $^{99\text{m}}\text{Tc}$, ^{123}I , ^{131}I , ^{111}In , ^{201}Tl).

STRANDARD GEOMETRY

Type F

Useful volume **0.6 in³**



PRODUCTION RANGE

Radionuclide	Activity	k=2 measurement uncertainty	Reference
133Ba	10 MBq (0.27 mCi)	≤3%*	BA133 EGA F 50
	20 MBq (0.54 mCi)	≤3%*	BA133 EGA F 55
57Co	100 MBq (2.7 mCi)	≤3%*	CO57 EGA F 80
	200 MBq (5.4 mCi)	≤3%*	CO57 EGA F 90
	370 MBq (10 mCi)	≤3%*	CO57 EGA F 100
137Cs	10 MBq (0.27 mCi)	≤3%*	CS137 EGA F 50
	20 MBq (0.54 mCi)	≤3%*	CS137 EGA F 55

* The calibration of sources can be performed on request, according to COFRAC accredited protocols. The measurement uncertainties at k=2 are lower than or equal to 3%.