

Y sources in EGR resin



TECHNICAL INFORMATION

The radionuclides are incorporated into a thermosetting resin, which is then poured into the container.

Our resin sources are sealed sources, characterized by water-equivalent activity, which helps to avoid the risks and constraints associated with liquid sources.

The radiological characteristics of the sources are measured using connected NaI scintillators or GeHP semiconductors.

MANUFACTURING RANGE

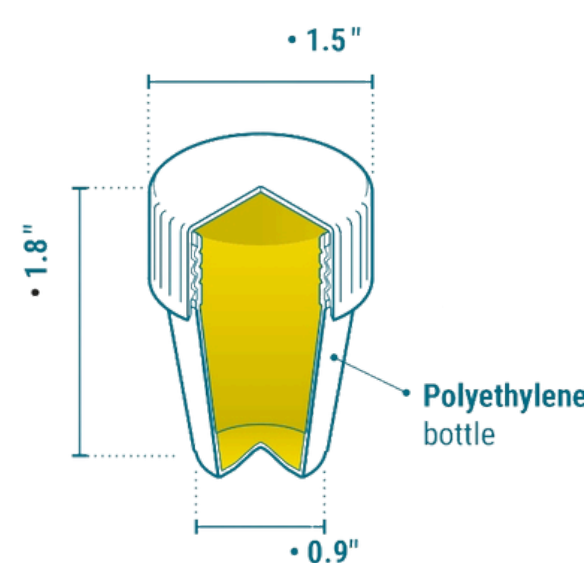
Catalogue references	On request
Contents 15 ml 50 ml 250 ml 450 ml 500 ml 1 000 ml 3 000 ml	All types of volumes ranging from 10 ml to 3 000 ml.
Activity 0.14 μCi 0.5 μCi 1 μCi 1.5 μCi 2 μCi	From 0.003 to 27 μCi
Radionuclide Ba133, Cs137, Eu152, Mix 12ML01	Cr51, Mn54, Co57, Co60, Zn65, Sr85, Y88, Cd109, Sn113, Cs134, Ce139, Am241

RECOMMENDED LIFETIME

Metrological point of view: ~ 2 radioactive period activity level.
Physical integrity point of view: 10 years

STANDARD GEOMETRIES

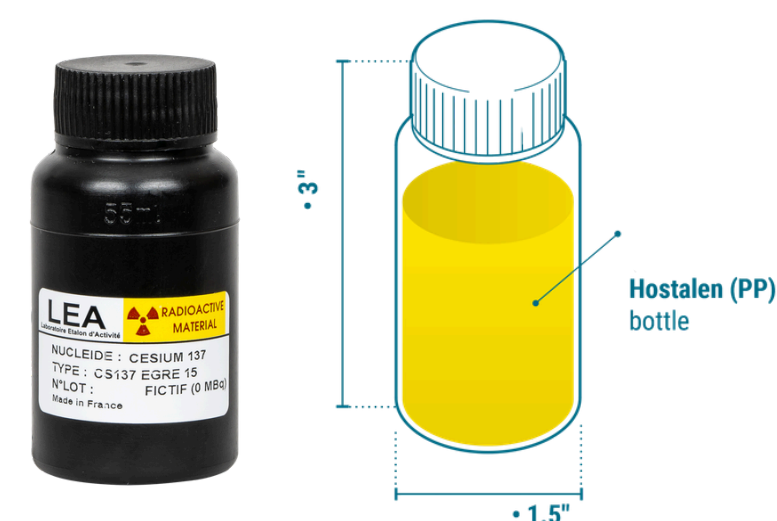
Useful volume 0.92 in³



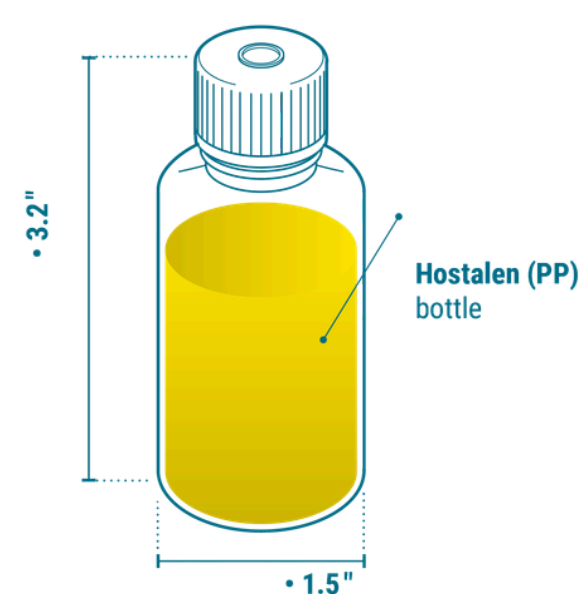
Type R

Type E

Useful volume 3.1 in³



Useful volume 3.1 in³



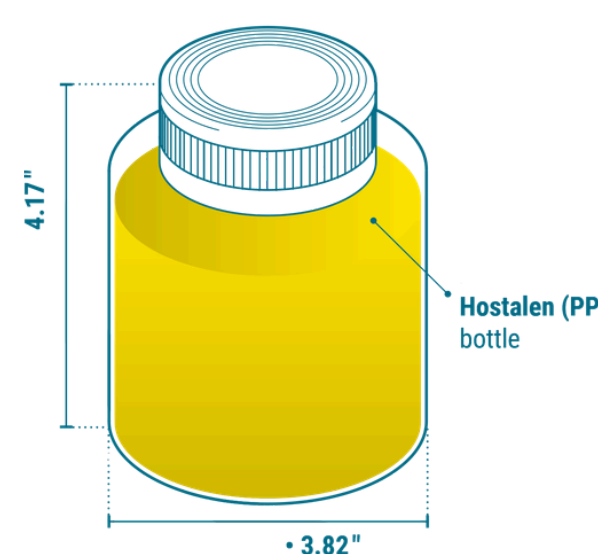
Type F

Type G

Useful volume 30 in³



Useful volume 30 in³



Type H

Y sources in marinelli resin



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STANDARD GEOMETRIES

