

# Radioactive Check Device



*$^{137}\text{Cs}$  check source for CURIEMENTOR performance checks, including shielded storage container*

## Features

- ▶ Checks the consistent performance of isotope calibrators
- ▶ Includes  $^{137}\text{Cs}$  nuclide with a long life span
- ▶ Classified for class C.23323 according to ISO 2919
- ▶ Comes in a stable wooden case with handle and internal lead shielding

The sealed radioactive  $^{137}\text{Cs}$  check source of 3.7 MBq (100  $\mu\text{Ci}$ ) activity is designed for routine checking of isotope calibrators to detect instability. The gamma emitting  $^{137}\text{Cs}$  nuclide of 662 keV with 30.17 years half-life has a long live span, so that only little correction for decay is required. The source matches the form of the samples to be assayed. It consists of an outer plastic (PVC) holder, shaped to resemble a 10 ml multidose vial, type P6 (diameter 20 mm, height 57 mm). This contains the  $^{137}\text{Cs}$  source, which is incorporated in a ceramic pellet and welded in a stainless steel capsule. The shape of the source enables easy handling using forceps.

The radioactive source is supplied in a wooden container with integral lead shielding of 25 mm thickness for radiation protected storage and transport. The source should only be removed from the case for isotope calibrator checks. The external case dimensions are 20 cm diameter and 22 cm height.

The source is classified according to ISO 2919 and equivalent to class C.23323. Please observe national regulations for transport and use of radioactive material. Before shipment, we need confirmation certifying that the purchaser is allowed to handle the radioactive source.

## Ordering Information

L971001 Radioactive check device for CURIEMENTOR

- ▶ CURIEMENTOR Isotope Calibrators *page 113f.*