

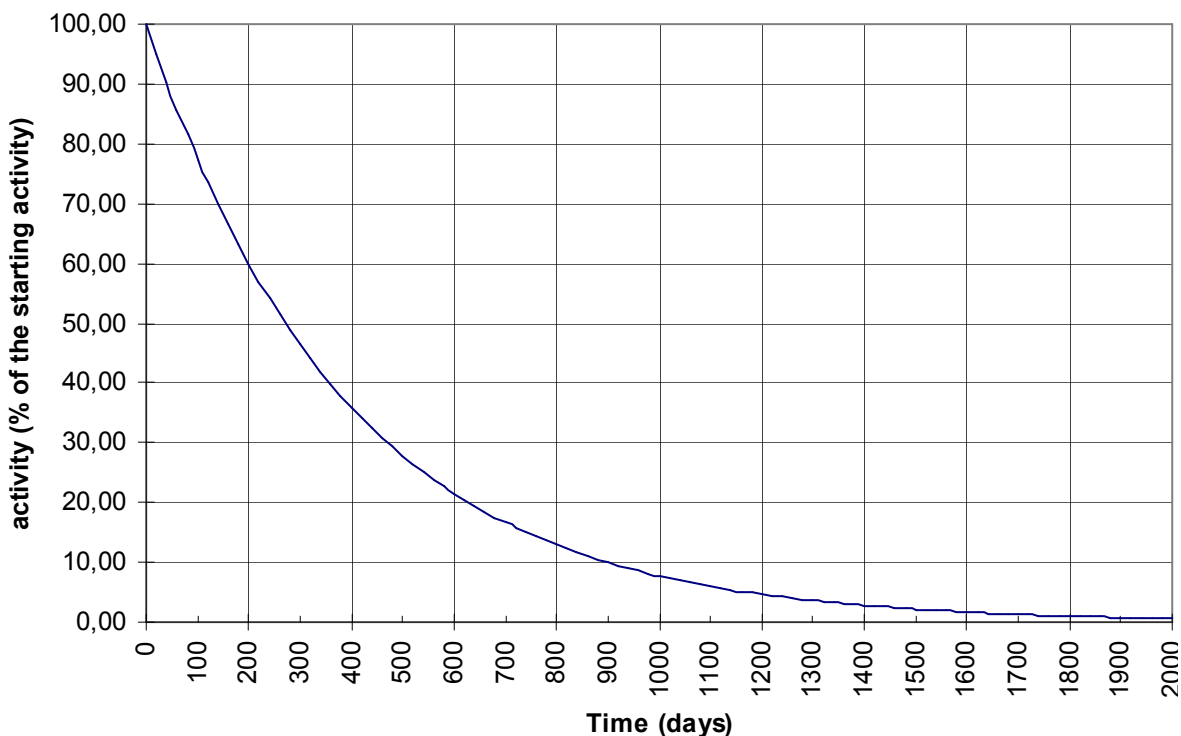
## Function Calibration Test

The calibration test has to be done monthly with a complete probe system by means of a test nuclide  $^{57}\text{Co}$  (activity < 500 kBq).

1. Apply the standard collimator sleeve ( $\text{Ø}15$  mm for Tc-99m nuclide and opening angle  $40^\circ$ ) and set the nuclide switch to position VI.
2. Put the test nuclide  $^{57}\text{Co}$  with the printed side up on a suitable surface (table etc.). Direct the probe from above with the radiation entrance window to the center of the test nuclide. The probe must touch the test nuclide.
3. Set the sample time to 10 seconds using the selector switch on the front panel. Note the count rate, as visualized on the LCD screen, in cps and fill it in the table 2.
4. Compare the results of the measurements taking into account the natural lost of activity of the test nuclide (Table 1, Time dependent activity loss of  $^{57}\text{Co}$ )

Please contact your distributor in the event of deviations of more than 25% between measured and theoretical data.

**Table 1**  
**Time dependent activity loss of  $^{57}\text{Co}$**



**Table 2**  
**Fill in the measured data of the function calibration test**

		<b>Counting rate, counts per second (cps)</b>		<b>Signed by</b>
<b>Month</b>	<b>Date</b>	<b>According to graph 12.2</b>	<b>Measured</b>	
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