

Certificate of Calibration

Radioactive material, Limited Quantity NOS UN2910,
Exempt Quantity 10CFR30.18, BS 5288/C11111

This source has been calibrated using a HPGe detector whose efficiency was established with the NIST traceable mixed nuclide standard SRM 4275C-125. The stated activity is the weighted average of the measured gamma lines with an estimated uncertainty of 5%.

Radionuclide: Co-57

Half-Life: 271.79 days

Decay Constant: 0.00255

Serial Number: 108081

Calibration Date: January 8, 2008

Activity: 1.03 uCi.

38,110 Bq.

Photon Energy (keV)

Intensity (%)

Emission Rate (sec-1)

122.07

85.6

32,622

136.48

10.68

4070

Certified by: _____

Date: June 10, 2009