

Technical Data

Source Model: BM83-12

Serial Number: BM8312222XXXX

2.

Nuclide: Co-57

Activity: 12 mCi

Ref Date : 07/2022

Radiation Safety

Instructions and Recommendations

For Use and Storage of Reference Sources

Tinkantis gama kamerai Spectrum Dynamics D-SPECT

1. The BM83-12 is a Co-57 line source for use in the Spectrum Dynamics D-Spect Cameras. Total Length of Source - 295 mm. Active Volume - 0.8 mm D x 260 mm L. Doubly encapsulated in stainless steel housing. Please follow manufacturers instructions for safe installation and handling.

Leak Test Results

The subject source was tested for leakage and surface contamination as described by ISO 9978. Any leakage and /or contamination detected did not exceed 5×10^{-3} microcuries.

By: Bjorn Bett

Date: 8/9/2022

Recommended Use and Service

For maximum safety and service, the Reference Source(s) should be used and stored at 10-40° C, 10-80% humidity and ambient air pressure. Avoid contact with organic solvents and hot surfaces.

Radiation Safety Recommendations

1. Decayed or otherwise unusable sources should be disposed of by the authorized radioactive waste disposal method employed by your facility for solid materials.
2. Contamination / leakage smear tests conducted on this source should be done with instrumentation having appropriate energy response calibration.