

Isotope Products

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Radionuclide: Co-60

Source No.: Catalog No.: Half-life: GF-060-D 5.272 ± 0.001 years 1592-30-3

> P.O. No.: Customer:

Contained Radioactivity: Reference Date:

CABRERA SERVICES, INC.

12-0217

1.047 15-May-12 μCi 12:00 PST 38.74 kBq

## Physical Description:

8 Nature of active deposit: Capsule type:

Active diameter/volume:

D Cover: Backing:

D (25.4 mm OD x 6.35 mm THK)

Evaporated metallic salt

5 mm Epoxy

Acrylic

#### Radioimpurities:

### None detected

Method of Calibration:

This source was assayed using gamma ray spectrometry.

Branching ratio used: Peak energy used for integration:

0.9986, 0.9998 gammas per decay

1173, 1333 keV

# Uncertainty of Measurement:

0 B Uncertainty in aliquot weighing: Type B (systematic) uncertainty: Type A (random) uncertainty:

3.0 3.0 0.5 8888

#### Notes:

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Total uncertainty at the 99% confidence level:

- See reverse side for leak test(s) performed on this source.
- Materials (as in NRC Regulatory Guide 4.15). EZIP participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference
- Nuclear data was taken from IAEA-TECDOC-619, 1991.
- This source has a working life of 5 years

Quality Control times this

EZIP Ref. No.: 1592-30

**Medical Imaging Laboratory**