

29-20954-02

03033301

Sealed Source Leak Test

GE Healthcare PHILADELPHIA - PHL-1000

3520 PROGRESS DR SUITE C

Tested on 04/18/05 12:00:00

MS-16

J-6

Standard Source

Nuclide: Co-57
Configuration: Rod Source
Activity: 0.00010690 mCi
on 02/01/02 15:00:00

Serial Number: 16199
Manufacturer: NAS
Current Activity: 0.00000538 mCi

Counting Instrument

Instrument Type: Scaler
Manufacturer: LUDLUM

Model Number: 2200
Serial Number: 43016
Descriptive Name: QC G LAB ID G

Sealed Source Tested

Model: 3550
Nuclide: Co-57
Configuration: Vial Reference Source
Activity: 5.80000000 mCi on 04/01/01

Serial Number: 6916
Manufacturer: North American Scientific
Current Activity: 0.13378895 mCi

Counting Data

Reference Standard Counts(Cstd): 6,465
Background Counts(Cb): 556
Net Standard Count Rate(Rstd): 6,409 Cpm
Leak Test Source Counts(Csam): 540
Net Sample Count Rate(Rsam): 0 Cpm

Reference Standard Counting Time(Tstd): 1.0 min
Background Counting Time(Tb): 10.0 min
Leak Test Source Counting Time(Tsam): 10.0 min

Calculation Format

Instrument Efficiency: 53.63 %
MDA(cpm): 28
Measured Activity (uCi): 0.00000000 <= Detection Limit

Comments and Recommendations

The Removable contamination on this sealed source is within the maximum limit of 0.005 uCi
Removable activity is <= Detection Limit.

Sealed Source Leak testing must be performed periodically in accordance with Applicable Facility License Conditions -
Consult Facility License.

Sample Taken By: William J. C... Sample Analyzed By: Carl R. Stahl

Radiation Safety Officer: [Signature] (Signature Required: 10CFR35)

Report Provided By:

GE Healthcare
3520 Progress Drive, Suite C
Bensalem, PA 19020
IN EMERGENCY CALL: 215-245-7805
JO: Michael Hess, R.Ph.

04/18/05

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136993
NMSS/RGNI MATERIALS-002

Sealed Source Leak Test

GE Healthcare PHILADELPHIA - PHL-1000

3520 PROGRESS DR SUITE C

Tested on 04/18/05 12:00:00

Standard Source

Nuclide: Cs-137
Configuration: Rod Source
Activity: 0.00113000 mCi
on 06/12/89 12:00:00

Serial Number: 89CS1203112
Manufacturer: THE SOURCE
Current Activity: 0.00078417 mCi

Counting Instrument

Instrument Type: Scaler
Manufacturer: LUDLUM

Model Number: 2200
Serial Number: 43016
Descriptive Name: QC G LAB ID G

Sealed Source Tested

Model: NES356
Nuclide: Cs-137
Configuration: Vial Reference Source
Activity: 0.21800000 mCi on 03/30/94

Serial Number: S356027-001
Manufacturer: Dupont
Current Activity: 0.16896944 mCi

Counting Data

Reference Standard Counts(Cstd): 115,193
Background Counts(Cb): 135
Net Standard Count Rate(Rstd): 115,180 Cpm
Leak Test Source Counts(Csam): 126
Net Sample Count Rate(Rsam): 0 Cpm

Reference Standard Counting Time(Tstd): 1.0 min
Background Counting Time(Tb): 10.0 min
Leak Test Source Counting Time(Tsam): 10.0 min

Calculation Format

Instrument Efficiency: 6.62 %
MDA(cpm): 15
Measured Activity (uCi): 0.00000000 <= Detection Limit

Comments and Recommendations

The Removable contamination on this sealed source is within the maximum limit of 0.005 uCi
Removable activity is <= Detection Limit.

Sealed Source Leak testing must be performed periodically in accordance with Applicable Facility License Conditions -
Consult Facility License.

Sample Taken By: William J. CingSample Analyzed By: Carl R. StahlRadiation Safety Officer: [Signature]

(Signature Required: 10CFR35)

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