

Date: July 10, 2006

# BIO MED ASSOCIATES, INC.

4 Main Street  
Flemington, NJ 08822  
Phone 908-788-9440  
Fax 908-788-6757

## Sealed Radioactive Source Leak Test

Hospital: Englewood Hospital and Medical Center  
Test Procedure:

J-5

Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well-type scintillation detector with pulse height analyzer. The results are listed below.

29-08519-01  
03002513

Isotope	Model No. Serial No.	Activity Date	Background (cpm)	Wipe (cpm)	Removable Activity (uCi)
Cs-137	67-801 FT	13.6 mCi 12/15/1983	69	59	<0.005
Cs-137	67-801 FU	13.8 mCi 12/15/1983	69	59	<0.005
Cs-137	67-801 FV	13.7 mCi 12/15/1983	69	67	<0.005
Cs-137	67-801 FW	13.6 mCi 12/15/1983	69	69	<0.005
Cs-137	67-802 FX	27.7 mCi 12/15/1983	69	68	<0.005
Cs-137	67-802 FZ	27.3 mCi 12/15/1983	69	58	<0.005
Cs-137	67-802 GA	27.3 mCi 12/15/1983	69	68	<0.005
Cs-137	67-802 GB	27.4 mCi 12/15/1983	69	76	<0.005
Cs-137	67-802 GC	27.3 mCi 12/15/1983	69	59	<0.005

Instrumentation: Manufacturer: Biodex

Cs-137 dpm = 164122 Standard counted 22245 cpm. CE = 13.5%  
Therefore 0.005uCi equals 1504 cpm.

Comments: No Leakage contamination found.

Prepared by:  
Michael Wind  
Medical Physicist

REC'D IN LAT 11/15/2006

139356  
NMSS/RGN! MATERIALS-002

## Englewood Hospital and Medical Center

Sealed Source Leak Test July 10, 2006

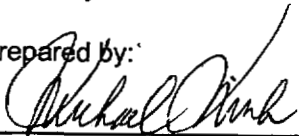
Page 2

Isotope	Model No. Serial No.	Activity Date	Background (cpm)	Wipe (cpm)	Removable Activity (uCi)
Cs-137	67-803 FA	41.7 mCi 12/15/1983	69	79	<0.005
Cs-137	67-803 FB	40.6 mCi 12/15/1983	69	79	<0.005
Cs-137	67-803 FE	41.9 mCi 12/15/1983	69	69	<0.005
Cs-137	67-803 FK	40.7 mCi 12/15/1983	69	69	<0.005
Cs-137	67-803 FQ	40.7 mCi 12/15/1983	69	69	<0.005
Cs-137	67-804 GD	54.7 mCi 12/15/1983	69	79	<0.005
Cs-137	67-804 GF	53.7 mCi 12/15/1983	69	70	<0.005
Cs-137	67-804 GG	54.1 mCi 12/15/1983	69	71	<0.005
Cs-137	67-804 GH	53.0 mCi 12/15/1983	69	69	<0.005
Cs-137	CDCT1 EP689	52.6 mCi 12/15/1983	69	79	<0.005
Cs-137	CDCT1 EP691	52.9 mCi 12/15/1983	69	57	<0.005
Cs-137	CDCT1 EP714	52.7 mCi 12/15/1983	69	76	<0.005
Cs-137	CDCT1 EP715	52.7 mCi 12/15/1983	69	50	<0.005
Sr-90/Y-90	SIA.20 0339ML	55.0 mCi 8/16/1982	69	69	<0.005

**Sr-90 disk 95.1 nCi on 12/11/86**

Efficiency for Sr-90 = 4% with disk source, 11,000dpm = 440 cpm

Prepared by:



Medical Physicist