



### Sealed Source Leak Test

Licensee: Metro Heart & Vascular

Date: 09/27/12

Performed by: Dawn Edwards

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	240.4 uCi	12/01/09	Hot Lab		1393-13-1
Current Activity: 225.22uCi						
Ba-133	Vial	229.6 uCi	11/01/09	Hot Lab		1393-5-7
Current Activity: 189.61 uCi						
Cs-137	Vial	238.4 uCi	12/01/09	Hot Lab		1356-1710
Current Activity: 223.34uCi						
Ba-133	Vial	235.7 uCi	01/01/10	Hot Lab		1393-5-10
Current Activity: 196.8uCi						
Co-57	Flood	10 mCi	04/01/11	Hot Lab	SFL24R05710	1499-176
Current Activity: 2.48mCi						
Co-57	Flood	10 mCi	04/01/11	Hot Lab	NES8510	1499-168
Current Activity: 2.48mCi						

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

Well Counter: Captus 3000

Nuclide	MDA	Background
Cs-137	$2.0 \times 10^{-4}$ uCi	145 counts/1 min
Ba-133	$8.8 \times 10^{-5}$ uCi	204 counts/1 min
Co-57	$1.7 \times 10^{-5}$ uCi	53 counts/1 min



**To: Dennis O'Dowd**

**Fax: 630-515-1078**

**From: Dawn Edwards**

**RE: Control Number 578116  
Amendment to Metro Health Hospital**

**Here is the most recent leak test. The sources that are circled are the source transferred from the Mid Towne Ave address. Please let me know if you need anything else.**

**Total pages including cover: 2**

