

Location:
South City Hospital

ID #	Radionuclide	Original Activity (mCi)	Original Date	Type & Quantity	Manufacturer / Model:	Serial Number	Current Activity (mCi)	Measured Sample CPM	Net CPM	Leak Test Results (uCi)	Pass / Fail	Storage Location
1	Cs-137	0.0113	12/1/00	Rod	NA Scientific	4501	0.00676	E				NM Hot Lab
2	Cs-137	0.000097	12/1/99	Rod	NA Scientific	B1216	0.00006	E				NM Hot Lab
3	Cs-137	0.2919	9/17/93	Vial	CIS (Cardinal Health)	4070/465	0.14792	306.0	8.0	2.85E-05	PASS	NM Hot Lab
4	Cs-137	1	7/1/93	Vial	Mallinckrodt	3GA	0.50428	323.0	25.0	8.90E-05	PASS	NM Hot Lab
5	Co-57	0.1	6/1/16	Button Marker	Cardinal Health	1842-70-7	0.00016	E				NM Hot Lab
6	Co-57	0.1	6/1/16	Button Marker	Cardinal Health	1842-70-8	0.00016	E				NM Hot Lab
7	Co-57	10	3/1/20	Flexible Flood	Eckert & Ziegler	2132-186	0.54072	324.0	26.0	9.26E-05	PASS	NM Hot Lab
8	Co-57	5.032	8/1/20	Vial	Eckert & Ziegler	1988-62-14	0.40194	328.0	30.0	1.07E-04	PASS	NM Hot Lab
9	Cs-137	0.001	7/1/01	Disk	Ludlum	1274	0.00061	E				Ludlum 14C (SN 114764)
10	Cs-137	0.001	3/1/94	Disk	Ludlum	2283	0.00051	E				Ludlum 3 (SN 166568)

Total = Sealed Sources this Audit:	10
All sealed sources physically accounted for:	YES
Count Instrument:	Biodex Atom Lab 930 S/N: 3400
Survey Meter:	Ludlum 14C, S/N: 114764; BKG = 0.02 mR/hr

Well Counter Ave Bkgd (cpm):	298
¹³⁷ Cs Counting Efficiency:	12.65%
¹³³ Ba Counting Efficiency:	
⁶⁸ Ge Counting Efficiency:	
Leak Test Tolerance (uCi):	0.005

MDA (uCi):	
	2.95E-04

Efficiencies determined: 4/19/23
Comments:

- 1) Leak test samples were collected and analyzed using methods consistent with State/Federal regulations.
- 2) If sample count = E, it is exempt from leak test by: (1) T1/2 < 30 d, (2) < 100 uCi βγ, (3) < 10 uCi α, (4) H3 sources, (5) a gas, (6) Ir192 seeds in ribbon, or (7) source inactive & in storage.
- 3) All sources were confirmed to be physically present and in good condition.
- 4) Yellow highlighted cells show sources that have been returned to the manufacturer since the last audit.

Performed By: Scott Surovi, B.S., CNMT, RT (R)(N)

Analyzed By: Scott Surovi, B.S., CNMT, RT (R)(N)

RSO Review: 

Test Date: 4/19/23

Analyze Date: 4/19/23

Review Date: 4/25/23

Next Due Date:

10/19/23

From: [Scott Surovi](#)
To: [Keith Lassman](#)
Cc: [Brian Schaab](#)
Subject: [External_Sender] ML#24-01381-01 Request for Termination (Sealed Source Leak Test Results)
Date: Thursday, January 18, 2024 11:37:41 AM
Attachments: [2023-04-19 Sealed Source Inventory+Leak Test South City Hospital Broadway Campus F1010263 SJS.xlsx - Group.pdf](#)

Keith,

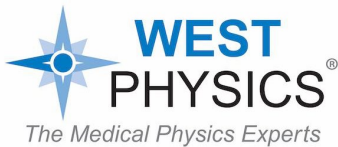
Pursuant to our telephone conversation today, attached please find the Sealed Source Inventory and Leak Test Report performed by West Physics on 4/19/2023.

Thank you again for your assistance and please let me know if you have any questions or require any additional information.

Scott

Scott Surovi, B.S., CNMT, RT(R)(N)
Health Physicist

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From: [Keith Lassman](#)
To: [Martha Pavon](#)
Cc: [Sandy Pavon](#)
Subject: CN637609 Additional Information
Date: Thursday, January 18, 2024 12:38:25 PM
Attachments: [665 637609 Additional Information.pdf](#)
[637609 Additional Information.pdf](#)

Good afternoon Martha,

Please upload the attached to ADAMS for CN637609 (SA Hospital Acquisition Group, LLC d/b/a South City Hospital). I've also attached the associated 665 form. Please let me know if there are any issues or if you have any questions!

Thank you,

Keith Lassman, NRRPT
Materials Licensing Branch Health Physicist
Division of Radiological Safety and Security, Region III
U.S. Nuclear Regulatory Commission