

THE HEART CENTER OF THE ORANGES77 Main Street
West Orange, NJ 07052**CONFIDENTIAL HEALTH INFORMATION FAX**

J-6

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Fax Sent: Date 9/21/05 Time of Fax 7:40 PM Number of Pages (including cover) 2

☐ Urgent ☐ Reply Required ☒ Other _____

Remarks:

copy of Radionuclide Solid
Source leak testing on 7/26/05

[REDACTED]

137539

NMCC/RCN MATERIALS-002

THE HEART CENTER OF THE ORANGES
DIVISION OF NUCLEAR MEDICINE
77 MAIN STREET
WEST ORANGE, NEW JERSEY

RADIONUCLIDE SEALED SOURCE LEAK TESTING
7/26/2005

INSTRUMENT: CAPRAC 001082

Cs-137 Check Source: .5 uCi on 5/1/2001 (.453646 uCi on 7/26/2005)
Gross Counts = 308700 cts/ 1 mins Bkg Cts = 39 cts/ 1 mins
Net Counts = 308661 cpm
Conversion Factor : 0.005 uCi = 3402 cpm
MDA (1 mins counting time) = .000028 uCi

Co-57 Check Source: .1244 uCi on 5/1/2001 (.002384 uCi on 7/26/2005)
Gross Counts = 53870 cts/ 1 mins Bkg Cts = 39 cts/ 1 mins
Net Counts = 53831 cpm
Conversion Factor : 0.005 uCi = 112918 cpm
MDA (1 mins counting time) = .000001 uCi

WIPE TEST RESULTS

Cs-137 Source #VIAL 9663
Gross = 45 cts Bkg = 39 cts Net Cts = 6 cts/ 1 mins = .000009 uCi


Co-57 Source #VIAL 46243
Gross = 49 cts Bkg = 39 cts Net Cts = 10 cts/ 1 mins = 0 uCi

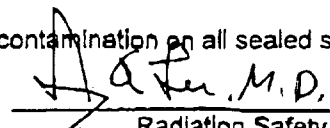
Co-57 Source #FLOOD 46354
Gross = 32 cts Bkg = 39 cts Net Cts = -7 cts/ 1 mins = 0 uCi

Co-57 Source #FLOOD BM09750044
Gross = 64 cts Bkg = 39 cts Net Cts = 25 cts/ 1 mins = .000001 uCi

RESULTS

Wipe-testing shows less than 0.005 uCi of removable contamination on all sealed sources tested


Elaine Rovazzi, M.S.
Physicist


Radiation Safety Officer