

# MAINTAINING RADIOISOTOPE INVENTORIES



University of Central Florida  
Department of  
Environmental Health & Safety



University of Central Florida Radiation Control Forms

**Form RC-6**

**RADIOISOTOPE INVENTORY LOG**

UCF Radioisotope Tracking No.: 1 Date Received: 2

Isotope & Compound: 3 Activity Received: 4

Date	Name	Amount Used (mCi)	Amount Left (mCi)	Wipe Results (cpm)	Survey Reading (mR/hr)
<u>5</u>		<u>6</u>	<u>7</u>	<u>9</u>	<u>10</u>

Comments: \_\_\_\_\_

Date of Final Use or Disposal \_\_\_\_\_

Form RC-6 Radioisotope Inventory Log

**Filling out the Radioisotope Inventory Log:**

The following information is documented at the top of the form:

1. Tracking Number assigned to each shipment of radioisotope
2. Date received
3. Isotope and Compound
4. Activity Received

In removing material from the source vial use the Running Total method to keep track of quantities:

5. Date and Name of person using isotope
6. Record amount removed
7. Record amount remaining in source vial
8. Upon completion of experiment add the chemicals to the appropriate waste container ensuring the amount removed from the source is the same as the amount added to the Waste Disposal Tag.

Perform a meter survey (swipe for H-3) upon completion of experiment noting any areas that read 3x's background. If there are areas that meet this criteria perform a swipe survey in accordance with UCF Radiation Safety Manual recording your readings on the RC-6 (#'s 9 and 10) and RC-14.

Once material has been completely used up, list the date of final use or disposal on the bottom of the form. **DO NOT ACCOUNT FOR DECAY.** Treat the material as if you just received it. Store the empty source vial in the shipping "pig" and hold for collection by EH&S

Physical inventory may be requested at the RSO's discretion.