

Editing Radioactive Inventory Sheets

Mercer University

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Date: MM/DD/YY

INVENTORY BY SHIP CODE DETAIL INVENTORY to : 09/06/2000

P.I.: Eg Xample II
DEPARTMENT: SCHOOL OF MEDICINE BASIC

OFF PHONE: -
LAB PHONE: -

Inven. #	Trans. 10 Date	1/2 lives Date	Receipt Amount	Dry/Solid Amount	Qtr. Use	Bulk Lq. Amount	Qtr. Use	Liq. Scin. Amount	Qtr. Use	Animal Amount	Qtr. Use	Drain Amount	Qtr. Use	On Hand Not Decayed	On Hand Decayed	On Hand at end of Quarter
M xxx	03/08/00		5.00000	0.71800	②	1.70000	②	0.00470	②			0.42700	②			
	03/31/00			1.14000		1.70000	②	0.00570				0.42700				
	06/30/00			1.85800	②	1.70000	②	0.01040	②			0.85400	②	0.57160	0.56157	0.0836 ④
		11/26/22	5.00000		②											
①	9/30/00		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Total for Isotope : H-3			5.00000	1.88800	2.018 ③	1.70000	1.810 ③	0.01040	0.0134 ③	0.00000		0.85400	1.075 ③	0.57160	0.56157 mCl	

- 1 Add the date for the end of the current quarter
2. For each In-house inventory number, make the appropriate additions of waste activity for each suitable category.
3. Total the waste of each category number should be added for each In-house inventory number.
4. Give the total amount of On hand activity you have calculated for each In-house number at the end of the quarter.
5. Repeat for all In-house inventory numbers that were utilized this last quarter (7-10-00 – 9-30-00)

About the Radioactive Inventory Sheets

Mercer University

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Date: mm/DD/yy

INVENTORY BY SHIP CODE DETAIL INVENTORY to : 09/30/2000

P.I.: *Eg. Xample*
DEPARTMENT: SCHOOL OF MEDICINE BASIC

OFF PHONE:
LAB PHONE:

Inven. #	Trans. Date	10 1/2 lives Date	Receipt Amount	Dry/Solid Amount	Qtr. Use	Bulk Liq. Amount	Qtr. Use	Liq. Scin. Amount	Qtr. Use	Animal Amount	Qtr. Use	Drain Amount	Qtr. Use	On Hand Not Decayed	On Hand Decayed	On Hand at end of Quarter
<u>P-32</u> m ⁿ xxxx ①	② 09/20/00	③ 02/09/01	0.27546 0.27546	⑤ 0.00000	—	⑤ 0.00000	—	⑤ 0.00000	—	⑤ 0.00000	—	⑤ 0.00000	—	0.27546	0.16961	⑧
Total for Isotope : P-32			0.27546	0.00000		0.00000		0.00000		0.00000		0.00000		0.27546	0.16961 mCi	
			④	⑤										⑥	⑦	

**** denote No Halflife record

- The inventory number is the In-house inventory number used to track your shipment.
- The Trans. Date is the date of arrival of the shipment
- This is the date that the shipped isotope has completed 10 half-lives
- The Receipt Amount is the activity received in mCi. It reflects the ACTUAL amount of activity that arrives. Differences between this number and the amount ordered are due to the program taking the assay information (assay date and activity) and back calculating the actual amount of activity received. (Eg. This shipment arrived on 9-20-00, but the assay information stated that there would be 0.250 mCi on 9-22-00. Therefore, the program back calculates the amount of activity on the arrival date is 0.27546 mCi)
- These are categories of waste disposal. They show the amount of activity you have disposed of in dry, liquid, or scintillation waste, or waste sent down the drain. These numbers reflect the previous quarter's waste disposal. The Qtr. Use column should be used to update the numbers for this quarter (see sheet 2)
- On Hand – Not Decayed is the amount of activity as if no decay has taken place.
- On Hand – Decayed is the amount of activity with time for decay taken into account (the actual amount of activity remaining as calculated by the program)
- On Hand at end of Quarter is your calculation of the amount of activity left at the end of the quarter (see sheet 2)