

This information is for your use and as a way of providing consistent information. There is no response required.

Iodination

Researchers performing iodination at RCI and RC2 must perform procedure in the designated iodination laboratory for each building. In order to schedule the laboratory please call the Environmental Health and Safety Department at (303) 724-0345 as soon as you determine the date and time in which you plan to perform the procedure. However, you must give Environmental Health and safety at least two days notice to schedule the room. Otherwise, EHS cannot guarantee that the laboratory is available. You must do the following:

1. Transport your experimental material in secondary containment to the iodination laboratory. In addition transport any equipment needed for the procedure including an appropriate Portable survey instrument (i.e. Low energy gamma detector.)
2. Survey yourself and the work area with a portable survey instrument and record survey results on the Portable Instrument Survey Log (RSF-002).
3. Contact EHS at 4-0345 if any contamination is found (twice background).
4. Ensure that the fume hood is operating properly by checking that air flow is between 85 and 115 Linear feet per minute. If flow rate is not within these parameters or the red light is on, call Health and Safety at 4-0345 and do not perform experiment.
5. Perform your experiment, **ALL WORK MUST BE PERFORMED IN HOOD.**
6. Place all waste material in the appropriate waste containers provided by EHS
7. Survey yourself and the work area with a portable survey instrument. And record survey results on the Portable Instrument Survey Log (RSF-002).
8. If any contamination is found (twice background) please call Environmental Health and Safety at 4-0345.
9. Perform a smear survey for Liquid Scintillation or Gamma Counter analysis for each location marked on the provided area map at a minimum.
10. Return material to a secure location in your laboratory.
11. Run smear samples and fax survey results to Environmental Health and Safety at 4-0345. If any contamination is found please call Environmental Health and Safety at 4-0345.