

Instruction

Ingredients of the amalgamation solution:

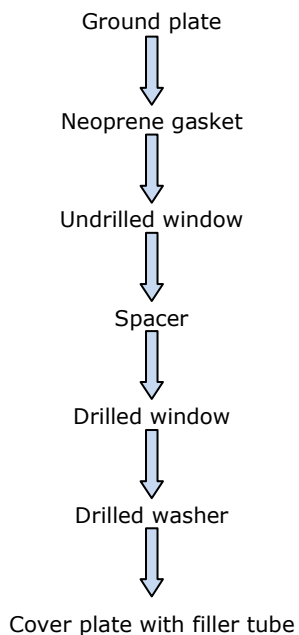
90g HNO₃ (2-normal) + 10g mercury-1-nitrate (freshly prepared)

Usage of amalgamation solution:

1. Put the lead component (spacer/seal) 1 - 2 minutes into the solution
2. Rinse under distilled water
3. Dry with acetone
4. Mount the cell (within 10 minutes)

Mounting of the cell:

- a) According the following sequences:



- b) Screw the cell frame carefully
- c) Let it settle for 3 - 4 hours
- d) Test the exact layer thickness with a spectrometer
- e) Fill up the cell with an injection syringe and close it with the PTFE