

1. Your solid standard is designed to fit into the notched 13 mm round cuvette adaptor that has been included with your solid standard shipment. Please replace your current 13 mm adaptor with this newly designed adaptor. Also included in your shipment is a 10-AU Calibration Record with Solid Standard sheet for recording the concentrations of the solid standard.
2. Calibrate your instrument with a known standard as described in your 10-AU User's Manual.
3. Remove calibration standard and insert notched 13 mm holder if this has not already been done.
4. Facing the instrument, place the solid standard in the sample chamber with the letter "L" (etched on top of standard holder) on your left hand side. Make sure the metal pin is completely seated in the notches of the 13 mm round cuvette adaptor.
4. Press <*> to read value. Record this number as the low concentration, "L," on the 10-AU Calibration Record with Solid Standard sheet.
5. Now pull standard out, rotate standard 180 degrees, and reinsert into 13 mm round cuvette adaptor. Make sure the metal pin is completely seated in the notches again.
6. Press <*> to read value. Record this number as the high concentration, "H," on the 10-AU Calibration Record with Solid Standard sheet.
7. Remove solid standard and proceed with analyzing your samples. If you are not using 13mm round test tubes for your samples, remove the 13 mm round cuvette adaptor and insert needed adaptor, if any. Proceed with analyzing your samples.
8. You may use your solid standard at any time to check the stability of the instrument. Simply insert your notched 13 mm round cuvette adaptor if this has not already been done and insert your standard. Press <*> to read. The value should be similar to what was previously obtained in steps 4 and 6 above.
9. You may also use it to calibrate on future days, using the values obtained in steps 4 and 6 above. For example, if the values obtained for "L" and "H" were 50 and 100 respectively, you can use either concentration to calibrate your instrument on another day. When calibrating, enter in "100" for your high standard concentration "H" or "50" for your low concentration "L", depending on whether "L" or "H" is on your left side when facing the instrument.

10-AU Fluorometer Solid Standard Calibration Record
Instrument Serial Number:

| Date | User Initials | Std Soln Conc | Cuvette Size | Cal Std Value | Blk Std Value | “L” Reading | %FS for “L” | “H” Reading | %FS for “H” |
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