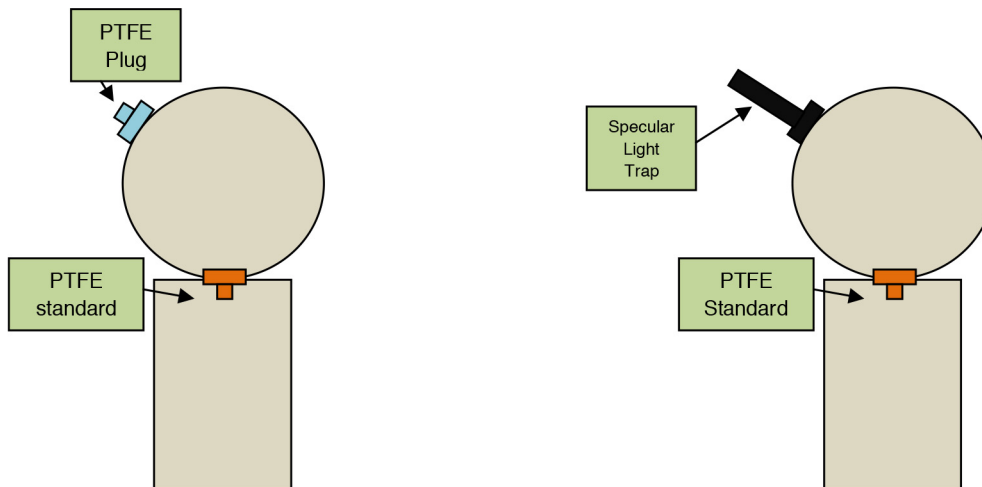


# STEPS FOR ISOLATING THE SPECULAR COMPONENT OF A SAMPLE CONTAINING BOTH DIFFUSE AND SPECULAR COMPONENTS



- 1) Perform General Reflectance Cal with PTFE plug and PTFE standard in place.
- 2) Remove PTFE standard and replace with test sample
- 3) Perform Sample Calibration
- 4) Perform measurement
- 5) Save file as **Total Reflectance**

- 1) Perform General Reflectance Cal with Specular Light Trap and PTFE standard in place
- 2) Remove PTFE standard and replace with test sample.
- 3) Perform sample calibration
- 4) Perform measurement
- 5) Save file as **Total minus Specular Reflectance**

You will now have 2 oli measurement files each containing reflectance data. In order to isolate the specular reflectance portion of the total reflectance measurement you will need to export both the **Total Reflectance** and the **Total minus Specular Reflectance** measurement files to excel and subtract the **Total minus Specular Reflectance** from the **Total Reflectance** file. What you will be left with is the spectral distribution of the Specular Reflectance.