

## Chapter 2

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### Experimental Methods

*This chapter gives the description of experimental methods employed in the preparation and characterization of  $PbO-Sb_2O_3-As_2O_3$  glasses and glass ceramics. The details of the apparatus used and the techniques adopted for measuring dielectric properties, optical absorption, IR, Raman, ESR, photo luminescence spectra and magnetic susceptibility are also described in detail in this chapter.*