

Holmium-163

An aliquot of the sample solution is diluted using ultrapure nitric acid solution and analysed by inductively coupled plasma mass spectrometry (ICP-MS). The instrument is calibrated externally using stable holmium and is run in peak jumping mode. Thulium is used as the internal standard. When calculating the results an assumption is made that the stable dysprosium isotopes occur in the natural ratio.