Identity tests

Identity tests are provided to verify the identity of the substance described in the monograph, and analysts will need to decide on the extent of testing that they are able to carry out based on the instruments available to them.

It is generally recognized that the infrared spectrum provides the best method of identification because of the uniqueness of a well developed fingerprint region of the spectrum for a given active ingredient. Wherever possible, infrared spectrum characteristics are used as the principal test of identification. Further identification tests provided in an individual monograph, considered together, are intended to provide verification of identity, should the use of an infrared spectrophotometer be precluded.

It should further be noted that, whenever a melting temperature is provided under "Identity tests", only an approximate value is given, since no exact reproduction of the quoted temperature is necessary.