



Workshop 2003

**The potential of
Near Infrared Spectroscopy
as a non-invasive method
in the quality control of
Herbal Substances, Herbal
Preparations and
Herbal Medicinal Products**

Main problem in the production of HMP's:

High price quality

Low price products

Cost reduction in the production of HMP's:

Quality control

Traditional methods

- time consuming
- complex sample preparation
- for active compounds mainly

Near infrared NIRS

- fast
- no sample preparation
- can be used for a complete analysis of the product

Questions to discuss:

Can NIRS replace complex analytical methods in the characterisation of herbal substances ?

Can NIRS characterize herbal preparations (e.g. extracts) in a specific way ?

Questions to discuss:

Is NIRS a tool to simplify and fasten laborious work like the validation of the production of herbal medicinal products and the documentation of content uniformity ?

Does BfArM accept NIR-methods ?