

## Fibre Analysis

Crude fibre · ADF · ADF<sub>OM</sub> · NDF · aNDF<sub>OM</sub> · NDF<sub>OM</sub> · ADL · ADL<sub>OM</sub>

### SUBJECTS

1. **Introductory discussion and presentation**  
of specific requests from the users
  
2. **Theoretical background of the fibre analysis**  
in the feed- and bio gas analysis and for the characterization of biomass
  
3. **Sample Preparation**
  - Hands-on drying, grinding, de-fatting and decalcifying of selected samples.  
Participants are requested to bring samples along!
  
4. **How to do a fibre analysis**
  - Rinsing, filtering, drying, ashing
  - Physico chemical influences when using different methods
  - How to handle difficult sample material and interfering influences in the analysis, e.g. excessive foaming, high content of starch, pectin content, ...
  
5. **Quality control**
  - Blanc value, standard, recovery
  - Determination of the amount of amylase, checking activities
  - Disturbing influences
  - How to handle artificial fibres/monomers
  - Sequential analysis

