



Notes regarding sampling single and mixed feeds

Purpose and scope of the application:

Sampling for analysis of the contents and toxic ingredients in free-flowing feeds (single, mixed, mineralised feeds)

If the analyses are not for own checks but form the basis of a dispute between buyer and seller, it is recommended that a sworn expert is involved in sampling. The final samples then must be sealed in a suitable manner.

Alternatively, the disputing parties could be present during sampling. Then, they should sign a declaration stating that the sampling has been carried out professionally.

1. The exact feed batch, which is to be sampled to answer the respective questions, must be defined. The procedure for sampling is defined by the respective situation
2. A composite sample is made up from the individual samples from the previously defined feed batch. During this, the sampling locations have to be distributed evenly over the entire batch to ensure the best possible statement regarding the average quality of the batch. Optimally, a hand sampler is used to ensure sampling can be carried out in different layers. The composite sample must consist out of at least 10 - 20 individual samples for batches up to 10 t in size.
When loose feed lots are delivered, the individual samples can also be taken during exhaustion from the return line by switching off the blower several times.
When sampling sacks, samples must be taken from several sacks.
3. When sending the samples, the entire composite sample (approx. 2-4 kg must be shared into several individual samples. For this, best empty the bucket onto a clean backing and share the sample cleanly into four parts using two lines. The four sectors are packed *completely* (i.e. including the rubbed off parts) into polythene bags and closed (if necessary sealed) and labelled. One sample is then sent to the laboratory for analysis complete with a filled-in order sheet. The other retained samples must be dry stored at room temperature for possible later analysis.