Task:

Application field: Food

Material: Animal food (sample 1 + 2)

Feed size: 0-10 mm

Feed quantity: 100 g (per batch)

Material specification(s): hard

Customer requirement(s): Determination of proteins and fat content

Subsequent analysis: Destillation Method Kjedahl

Solution:

Selected instrument(s): ZM 200 Ultra Centrifugal Mill

Configuration(s): Push-fit rotor of stainless steel with 12 teeth;
Ring sieve of stainless steel, trapezoid holes 2 mm;
Ring sieve of stainless steel, trapezoid holes 0,5 mm

Parameter(s): Speed: 18000 rpm

Time: 5 min. (/ sample)

Achieved result(s): predominantly < 250 µm,

Remark(s): The grinding of the very hard pellets should be done in two grinding steps:
1. pre grinding with the 2 mm sieve
2. fine grinding with the 0,5 mm sieve

Recommendation: For sample preparation of different animal food the Ultra Centrifugal Mill ZM 200 is suitable under the above mentioned conditions.

The application report is based solely on the processing of the available sample material in the indicated amount. No legal claims shall be derived from this test report.
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