Report No.: 11618

Task:

Application field: Food

Material: Pet food (3 samples: A, B, C)

Feed size: 15 - 30 mm

Feed quantity: 150 g (each sample)

Material specification(s): moist (20 %, A / B), dry (C)

Customer requirement(s): 2 mm; 150 g/batch

Subsequent analysis: NIR Near Infra Red Spectroscopy

Solution:

Selected instrument(s): Ultra Centrifugal Mill ZM 200

Configuration(s): Push-fit rotor, 12 teeth, stainless steel; Distance sieve, trapezoid holes 1.50 mm, stainless steel

Parameter(s): speed: 18000 rpm

Time: approx. 45 s (for each grinding process)

Achieved result(s): < 1.5 mm

Remark(s):

Recommendation: For grinding of pet food the Ultra Centrifugal Mill ZM 200 is suitable according to 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. Subject to technical modification and errors.

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Pictures of the sample

**Fig. 1:** Original sample (from the left to the right: A, B, C)

**Fig. 2:** After grinding in ZM 200 (from the left to the right: A, B, C)