

**Task:****Application field:** Agriculture**Material:** Feed pellets**Feed size:** 0-20 mm**Feed quantity:** 600 g**Material specification(s):** medium-hard, dry**Customer requirement(s):** Homogeneous sample**Subsequent analysis:** Protein Extraction**Solution:****Selected instrument(s):** Knife Mill Grindomix GM 300**Configuration(s):** Cutting container of stainless steel incl. knife holder, autoclavable, 5 litres for GM 300; Standard lid of plastic GM 300, autoclavable; Standard knife GM 300 made of stainless steel, autoclavable**Parameter(s):** Revolution speed  
Pre-grinding 3000 rpm, direction impact  
Fine-grinding 3000 rpm, direction cut**Time:** 60 s (30 sec pre- + 30 sec fine-grinding)**Achieved result(s):** Homogeneous sample, predominantly < 1 mm**Remark(s):****Recommendation:** The Knife Mill Grindomix GM 300 is suitable to grind the sample material under the above mentioned conditions.

**Pictures of the sample**



**Fig. 1:** Original sample feed pellets



**Fig. 2:** Feed pellets in cutting container GM 300



**Fig. 3:** Pre-ground feed pellets (30 sec at 3000 rpm)



**Fig. 4:** Fine-ground feed pellets

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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