

Task:**Application field:** Food**Material:** Dog food (soft croquette)**Feed size:** 10-35 mm**Feed quantity:** 180 g (approx.)**Material specification(s):** fatty, hard**Customer requirement(s):** homogeneous**Subsequent analysis:** Extraction and fat content analyses**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; Gravity lid of plastic GM 300, autoclavable; Standard knife GM 300 made of stainless steel, autoclavable**Parameter(s):**
1) Revolution speed 3500 rpm, interval every 5 s, pre-grinding with direction impact
2) Revolution speed 5000 rpm, continuously, fine grinding with direction cutting**Time:** 3 min. (1 min. pre-grinding; 2 min. fine grinding)**Achieved result(s):** homogeneous, evaluation by the customer**Remark(s):**
1) Pre-grinding for 1 min. at 3500 rpm and interval mode. The gravity lid is locked at upper position.
2) Fine grinding at 5000 rpm. The gravity lid is released in order to reduce the volume.

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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Recommendation: For grinding dog food our Grindomix GM 300 is suitable under the above mentioned conditions.

Pictures of the sample



Fig. 1: Sample before grinding



Fig. 2: Sample after grinding in GM 300