

Task:

Application field: Food

Material: Dog food, Beefis, Nager Rondis, Luzern

Feed size: 0-40 mm (pre cutted by knife)

Feed quantity: 80 g (per batch)

Material specification(s): containing grease, fibrous

Customer requirement(s): < 1 - 2 mm
Determination of humidity, protein, ashes, crude fibre

Subsequent analysis: Moisture Content

Solution:

Selected instrument(s): GM 200 Knife Mill Grindomix **The interval and reverse is now restricted to 4000 rpm**

Configuration(s): Standard receptacle 1 l, made of polypropylene;
Standard cover of polypropylene
Cover for volume reduction to 0.5 l for standard receptacle of polypropylene

Parameter(s): 8000 rpm, 10 sec. Interval action, 5 sec.

Time: 15 s (per batch)

Achieved result(s): Homogeneous < 0.5 mm

Remark(s): Without using the interval operation for grinding fatty dog food, the fat and oil contents will separate on the receptacle, the result is an inhomogeneous sample.

Recommendation: For grinding and homogenisation of fatty and fibres materials the Knife Mill Grindomix GM 200 is suitable under the above mentioned conditions.

Pictures of the sample



Fig. 1:



Fig. 2:



Fig. 3:



Fig. 4:

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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