Task:

Application field: Food

Material: Thick Crust Steak and Kidney Pie

Feed size: 60 mm

Feed quantity: 160 g

Material specification(s): moist, oily

Customer requirements(s): 300 µm

Subsequent analysis: Microbiological: Protein, carbohydrate, salt, pH

Solution

Selected Instrument(s): Knife Mill GRINDOMIX GM 200

Configuration(s) Item nos.: 1 x GRINDOMIX GM 200, 220-240 V, 50/60 Hz, incl. 1 l grinding container with cover and knife of stainless steel

Please note: Other electrical versions of the instrument(s) are available with different item numbers.

Parameter(s): Revolution speed 4000 rpm, interval; 8000 rpm, continuous

Time: 10 s interval + 20 s continuous

Achieved result(s): homogeneous mixture, predominantly < 300 µm

Remark(s): The sample is pre-cut with a knife to the max feed size of 30 mm. To avoid sample sticking to the jar wall pre-grinding is carried out for 10 s pulsing at 4000 rpm and subsequent fine grinding at 8000 rpm.

Recommendation: The Knife Mill GRINDOMIX GM 200 is suitable to grind the sample material 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. Subject to technical modification and errors.

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