

**Report No.:** 16098  
**Date:** 05.03.2013  
**Contact:** GB

## Task:

**Application field:** Food

**Material:** **Coffee beans roasted**

**Feed size:** 10 mm

**Feed quantity:** 100 g

**Material specification(s):** medium hard, dry, 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, reverse mode; 10000 rpm, continuous

**Time:** 10 s interval + 10 s continuous

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

**Remark(s):** To minimize wear pre-grinding is carried out for 10 s pulsing at 4000 rpm in reverse mode and subsequent fine grinding at 10000 rpm in cutting mode.

**Recommendation:** The Knife Mill GRINDOMIX GM 200 is suitable to grind the sample material under the above mentioned conditions.

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**Pictures of the sample:**



**Picture 1: Original sample**



**Picture 2: Sample after comminution in GM 200**

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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