**Task:**

- **Application field:** Food
- **Material:** Slices of bread
- **Feed size:** 10-200 mm
- **Feed quantity:** 250 g
- **Material specification(s):** soft, moist
- **Customer requirement(s):** homogeneous mass
- **Subsequent analysis:** Protein Extraction

**Solution:**

- **Selected instrument(s):** Knife Mill Grindomix GM 300
- **Configuration(s):** Cutting container of plastic incl. knife holder, autoclavable, 5 litres for GM 300; Standard knife GM 300 made of stainless steel, autoclavable
- **Parameter(s):** Revolution speed 4000 rpm
- **Time:** 30 s (direction reversal every 5 sec.)
- **Achieved result(s):** homogeneous mass, < 2 mm
- **Remark(s):**

**Recommendation:** The Knife Mill Grindomix GM 300 is suitable to homogenize the sample material under the above mentioned conditions.
Pictures of the sample

**Fig. 1:** Original sample

**Fig. 2:** Slices of bread

**Fig. 3:** Slices of bread after homogenisation in GM 300