### Task:

**Application field:** Food  
**Material:** Feed pellets  
**Feed size:** 5-15 mm  
**Feed quantity:** 50 g  
**Material specification(s):** medium-hard  
**Customer requirement(s):** < 1 mm  
**Subsequent analysis:** NIR Near Infra Red Spectroscopy

### Solution:

**Selected instrument(s):** Cyclone Mill Twister  
**Configuration(s):** Sieve section 1 mm  
**Parameter(s):** Revolution speed 10000 rpm  
**Time:** 30 s  
**Achieved result(s):** homogeneous sample, < 1 mm  
**Remark(s):**  
**Recommendation:** The Cyclone Mill Twister is suitable to grind the sample material under the above mentioned conditions.
Pictures of the sample

**Fig. 1:** Original sample

**Fig. 2:** Sample after grinding in Cyclone Mill Twister, sieve 1 mm