**Task:**

**Application field:** Food  
**Material:** Bracket fungi  
**Feed size:** 50-80 mm  
**Feed quantity:** 150 g  
**Material specification(s):** fibrous, medium-hard  
**Customer requirement(s):** < 0.5 mm  
**Subsequent analysis:** not defined  

**Solution:**

**Selected instrument(s):** Cutting Mill SM 100  
Ultra Centrifugal Mill ZM 200  

**Configuration(s):**  
SM 100: Bottom sieve square holes 4 mm, stainless steel; Standard hopper;  
ZM 200: Push-fit rotor, 6 teeth, stainless steel; Ring sieve trapezoid holes 0.5 mm, stainless steel; Cyclone ZM 200, with 5 litres collector  

**Parameter(s):** Revolution speed  
SM 100: 1400 rpm  
ZM 200: 18000 rpm  

**Time:** 4 min. (entire preparation)  

**Achieved result(s):** Predominantly < 0.5 mm  

**Remark(s):** The whole sample amount is first pre-ground in the Cutting Mill SM 100 and the pre-ground sample subsequently fine-ground in the Ultra-Centrifugal Mill ZM 200.  

**Recommendation:** For grinding of bracket fungi the Cutting Mill SM 100 and the Ultra-Centrifugal Mill ZM 200 are suitable under the above mentioned conditions.
Pictures of the sample

**Fig. 1:** Original sample

**Fig. 2:** Sample after grinding in SM 100, sieve 4 mm

**Fig. 3:** Sample after fine grinding in ZM 200, sieve 0.5 mm