

Task:**Application field:** Biology**Material:** Human hair**Feed size:** 10-15 mm**Feed quantity:** 500 mg**Material specification(s):** fibrous**Customer requirement(s):** < 60 µm**Subsequent analysis:** DNA Desoxyribo Nuklein Acid**Solution:****Selected instrument(s):** Mixer Mill MM 200**Configuration(s):** Grinding jar MM 200 zirconium oxide 25 ml;
Grinding ball zirconium oxide ø 20 mm**Parameter(s):** Frequency 25 Hz**Time:** 5 min.**Achieved result(s):** < 63 µm homogeneous**Remark(s):****Recommendation:** For fine grinding of different hair samples, the Mixer Mill MM 200 is suitable under the above mentioned conditions.

Pictures of the sample



Fig. 1: original sample



Fig. 2: after grinding in MM 200