## Task:

**Application field:** Agriculture

**Material:** Hellborus Purpurascens

**Feed size:** 0-90 mm (Tuft)

**Feed quantity:** 1000 g

**Material specification(s):** fibrous, dry

**Customer requirement(s):** < 1 mm, 4kg/batch, 20kg/d

**Subsequent analysis:** HPLC High Performance Liquid Chromatography

## Solution:

**Selected instrument(s):** Cutting Mill SM 100

**Configuration(s):** Parallel section rotor stainless steel, cutting plates of chrome steel; Bottom sieve square holes 2 mm, stainless steel

**Parameter(s):** Revolution speed 1400 rpm

**Time:** 10 min.

**Achieved result(s):** 95% < 1 mm

**Remark(s):**

**Recommendation:** The Cutting Mill SM 100 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 Cutting Mill SM 100