### Task:

**Application field:** Food

**Material:** Crystal sugar, granulated fructose

**Feed size:** < 2 mm

**Feed quantity:** 2000 g (per batch)

**Material specification(s):** crystalline, medium-hard

**Customer requirement(s):**
- < 100 µm
- 2 - 3 kg per hour for grinding in a plant construction

**Subsequent analysis:** Not defined

### Solution:

**Selected instrument(s):** Rotor Beater Mill SR 300

**Configuration(s):** Ring sieve 360 trapezoid holes 0.25 mm, stainless steel

**Parameter(s):** Revolution speed approx. 9000 rpm

**Time:** 10 min.

**Achieved result(s):** 98 % < 100 µm

**Remark(s):**

**Recommendation:** For fine grinding of crystal sugar the Rotor Beater Mill SR 300 is suitable under the above mentioned conditions.