

Task:**Application field:** Agriculture**Material:** Fertilizer,
super phosphate, 7 % rest humidity**Feed size:** 3-5 mm**Feed quantity:** 100 g (per batch)**Material specification(s):** medium-hard, hygroscopic**Customer requirement(s):** < 200 - 300 µm**Subsequent analysis:** not defined**Solution:****Selected instrument(s):** Ultra Centrifugal Mill ZM 200**Configuration(s):** Push-fit rotor ZM 200, 12 teeth, stainless steel;
Distance sieve trapezoid holes 0.5 mm, stainless steel,**Parameter(s):** Revolution speed 18000 rpm**Time:** 2 min. (per sample)**Achieved result(s):** 85 % < 300 µm**Remark(s):** If a preparation and grinding of a material quantity of > 200 g is required, the ZM 200 can be used in combination with the cyclone and collector for 3 or 5 liter volume.**Recommendation:** For fine grinding of different fertilizers the Ultra Centrifugal Mill ZM 200 is suitable under the above mentioned conditions.