Task:

Application field: Agriculture

Material: Fertilizer, guano - granulate

Feed size: 3-5 mm

Feed quantity: 100 g

Material specification(s): hard

Customer requirement(s): < 250 µm

Subsequent analysis: X-ray Fluorescence Analysis

Solution:

Selected instrument(s): Ultra Centrifugal Mill ZM 200

Configuration(s): Push-fit rotor ZM 200, 12 teeth, stainless steel; Ring sieve trapezoid holes 0.5 mm, stainless steel

Parameter(s): Revolution speed 18000 rpm

Time: 60 s (per batch)

Achieved result(s): 95 % < 250 µm

Remark(s):

Recommendation: For fine grinding of different fertilizers the Ultra Centrifugal Mill ZM 200 is suitable under the above mentioned conditions