Task:

Application field: Food

Material: Collard (green, freezed dried)

Feed size: approx. 10 mm

Feed quantity: 200 g

Material specification(s): soft

Customer Requirement(s): 150 µm

Subsequent analysis: not defined

Solution:

Selected instruments(s): Ultra Centrifugal Mill ZM 200

Configuration(s): Push-fit rotor with 12 teeth;
Ring sieve 0.2 mm, trapezoid holes, stainless steel;
Cyclone with passage receptacle

Parameter(s): Revolution speed 18000 rpm

Time: approx. 2 min

Achieved result(s): 90 % < 150 µm

Remark(s): For large quantities of the sample and to reduce frictional heat the use of the cyclone is recommended.

Recommendation: For the grinding of freeze dried collard the Ultra Centrifugal Mill ZM 200 is suitable under the above mentioned conditions.
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