



## Animal food

### Application

<b>Market segment:</b>	Argiculture
<b>Material:</b>	Animal food (sample 1 + 2)
<b>Feed size:</b>	0-15 mm
<b>Feed quantity:</b>	200 g per batch
<b>Material specification(s):</b>	Soft / hard
<b>Customer requirement(s):</b>	Determination of proteins and fat content
<b>Subsequent analysis:</b>	Determining fat by using Petroleum Ether by the Method of Kjeldahl

### Solution

<b>Selected instrument(s):</b>	LAARMANN UCM200 Ultra Centrifugal Mill
<b>Configuration(s):</b>	12 teeth rotor of stainless steel; Ring sieve of stainless steel: 3,0 mm and 0,5 mm trapezoid perforated.
<b>Working settings:</b>	Speed: 18000 rpm Optionally a vibratory feeder to feed the UCM.
<b>Time:</b>	3-5 min. (/ sample)
<b>Achieved result(s):</b>	< 250 µm, some piece slightly longer
<b>Remark(s):</b>	2 stage grinding: 1. pre grinding with the 2 mm sieve 2. fine grinding with the 0,5 mm sieve
<b>Recommendation(s):</b>	The UCM200 is suitable for animal food under the above mentioned conditions.



*Cat food*



*Bird food*

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