



Pharmaceutical industry - Dry algae

Task

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| Application field: | Medicine / Pharmaceuticals |
| Material: | Dry algae |
| Feed size: | 2-6 mm |
| Feed quantity: | 100 g (per batch) |
| Material specification(s): | Brittle, sensitive to heat |
| Customer requirement(s): | Stable temperature, approx. 200 mesh (75 µm) |

Subsequent analysis:

Solution

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|--------------------------------|---|
| Selected instrument(s): | LM-UCM200 Ultra Centrifugal Mil LM-VF100 Vibratory Feeder |
| Configuration(s): | Standard hopper, bottom sieves of stainless steel, square holes 4 mm; Ring-type filter with Conidur hole body for collecting receptacle 5 L |
| Parameter(s): | 18000 rpm revolution speed |
| Time: | 9 min. (per sample) |
| Achieved result(s): | 60% < 75 µm |
| Remark(s): | Material must be fed slowly using the LM-VF100 because the friction on sieves with a small diameter causes the temperature to rise. |



Algae powder

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