



Hashish

Application

Market segment:	Biology
Material:	Hashish (pressed panels 50x200); Marihuana (dried inflorescence, stalks, leaves)
Feed size:	50-200 mm (only hashish panels)
Feed quantity:	4000 g (approx. total amount)
Material specification(s):	Medium-hard, fibrous
Customer requirement(s):	< 3 - 4 mm, to determine the quality of ingredients
Subsequent analysis:	HPLC High Performance Liquid Chromatography

Solution

Selected instrument(s):	CM100 Cutting Mill
Configuration(s):	Standard hopper; 1. Hashish panels: bottom sieve of stainless steel, square hole 4 mm 2. Marihuana: bottom sieve of stainless steel, square hole 6 and 8 mm
Working settings:	Revolution speed: 1500 min-1
Time:	20 min. (per sample batch)
Achieved result(s):	Hashish: end fineness < 1 - 2 mm; Marihuana: end fineness < 2 - 3 mm

Remark(s):	During grinding of a bigger amount of both substances (a 5 l-container filling each) an adhesion of resin to the cutting edges in the housing and a blocking of the bottom sieve could be observed due to the high resin content. This effect is noticeable reduced if the panels are pre-cooled by liquid nitrogen.
-------------------	--



Hashish

Application notes can only be used as a guideline. Each type material of has its own characteristics and therefore the outcome for each test may vary per material. We cannot accept any legal claims derived from this application note. This document is subjected to technical modification and errors.

Recommendation(s):

For pre cutting of hashish panels and marihuana the CM100 Cutting Mill is suitable under the above mentioned conditions.