

Process:
Subprocess:
Product Family:

HOMOGENIZATION
ANALYTIC
POLYTRON®



KINEMATICA
Homogenizing perfected.



LIFE SCIENCE

Extraction of cytoplasm
from plant cells.



THE APPLICATION SCOPE / PURPOSE

The cytoplasm is the basic structure of every cell. It is a gel-like fluid consisting mainly of water and salts. It gives the cell its form and protection. Every cell consists of cytoplasm, which is surrounded by the cell wall. Inside the cytoplasm there are all the organelles and cell parts, like the vacuoles in plants. In cell analysis and research, plant cells are homogenized to extract the cytoplasm. Kinematica's laboratory equipment enables the disruption of such cells to ensure a controlled and efficient analysis of the plant.

Get full access to the Application Note by clicking this link:

GET FULL VERSION

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