



Plant materials

Application

Market segment:	Biology
Material:	Botanical samples, leaves, radix, soil
Feed size:	0-10 mm
Feed quantity:	10 g (per batch)
Material specification(s):	Medium-hard, fibrous
Customer requirement(s):	< 10 - 100 µm Elementary analysis
Subsequent analysis:	"C" Carbon Determination

Solution

Selected instrument(s):	Lab Wizz 320 Micro Ball Mill
Configuration(s):	Grinding jar 35 ml with screwable cover, Zirconia (YTZ) Grinding jar 25 ml with screwable cover, Zirconia (YTZ) 1 Grinding ball, Ø 20 mm Zirconia (YTZ)
Working settings:	25/s - 30/s
Time:	2 min. (per sample)
Achieved result(s):	< 250 up to 300 µm
Remark(s):	For smaller quantities like leave samples, a grinding jar of 25 ml was used.
Recommendation(s):	For sample preparation of different botanical materials the Lab Wizz 320 Micro Ball Mill is suitable under the above mentioned conditions.



Plants

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