



Systems

Phoenix BLACK

Equipment

50 mL Quartz Fiber Crucibles
Analytical Balance
Gloves
Tongs

Sample Preparation

Shred or cut paper into small pieces.

Procedure

1. Program a "Ramping" method with calculation mode "Ash" in the Phoenix BLACK using parameters located in "Stages" section to program the multi stage method starting from ambient temperature.
2. Weigh a crucible that has been preashed for at least 10 minutes at the set temperature and record weight.
3. Weigh ~2 grams of sample and record weight.
4. Place crucible in furnace (at ambient temperature) and run the programmed multi stage method.
5. Reweigh crucible containing ash and record weight.
6. Calculate percent ash:
(Weight of Ashed Sample With Crucible - Weight of Crucible) / Weight of Sample x 100

Parameters

Stage	Dwell Time (minutes)	Temperature (°C)	Sample Size (g)
1	1	100	2
2	20	225	-
3	30	525	-

Notes

None.

*The above parameters are suggested starting points and may need to be modified to meet certain product specifications.