



### Systems

Phoenix BLACK

### Equipment

20 mL Quartz Fiber Crucibles  
Analytical Balance  
Gloves  
Tongs

### Sample Preparation

None.

### Procedure

1. Program a "Ramping" Phoenix BLACK method using parameters located in "Stages" section and allow furnace to reach set temperature of stage one.
2. Weigh a crucible that has been preashed for at least 10 minutes at set temperature and record weight.
3. Weigh ~1 gram of sample and record weight.
4. Place crucible in furnace and allow stages to proceed.
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	20	450	1
2	20	750	-

### Notes

None.

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