



### Systems

PHOENIX BLACK

### Equipment

Analytical Balance  
50 mL Quartz Fiber Crucibles  
Tongs  
Gloves  
Buchner Funnel  
Whatman Filter

### Sample Preparation

None.

### Procedure

1. Program Phoenix Black using parameters located in "Parameters" section and allow furnace to reach set temperature.
2. Weigh a crucible that has been preashed for at least 10 minutes at set temperature and record weight.
3. Follow the procedure for weighing and filtering sample with Buchner Funnel.
4. Fold filter and place it in the crucible.
4. Place crucible with filter sample in furnace and ash for designated dwell time.
5. Reweigh crucible containing filter and ash and record weight.
6. Calculate Total Volatile Suspended Solids as appropriate.

### Parameters

Stage	Dwell Time (minutes)	Temperature (°C)	Sample Size (g)
1	10	550	1

### Notes

None.

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